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     (FILE 'HOME' ENTERED AT 16:53:48 ON 10 MAY 2007)

     FILE 'CAPLUS' ENTERED AT 16:54:11 ON 10 MAY 2007
L1                STRUCTURE UPLOADED
                  S L1

     FILE 'REGISTRY' ENTERED AT 16:55:00 ON 10 MAY 2007
L2           266 S L1 FULL

     FILE 'CAPLUS' ENTERED AT 16:55:09 ON 10 MAY 2007
L3            51 S L2 FULL
L4            35 S L3 AND PY<2000
L5             0 S L4 AND POLYCARBONAT?
L6             0 S L4 AND ?POLYCARBONAT?
L7             0 S L4 AND AROMATIC POLYCARBONAT?

=>
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=>
Uploading C:\Program Files\Stnexp\Queries\705.str

L1      STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1              STR
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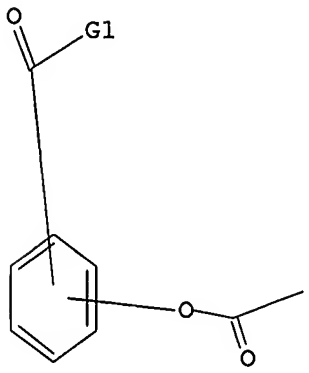


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G1 n-PrO,i-PrO,s-BuO


Structure attributes must be viewed using STN Express query preparation.


=> s l1 full
   REGISTRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.




FULL SEARCH INITIATED 16:55:00 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -  1080600 TO ITERATE

 92.5% PROCESSED  1000000 ITERATIONS                          266 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.09

FULL FILE PROJECTIONS:  ONLINE  **INCOMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:      1080600 TO  1080600
PROJECTED ANSWERS:             266 TO      337

L2          266 SEA SSS FUL L1



L3           51 L2

=> s l3 and py<2000
      20031539 PY<2000
L4           35 L3 AND PY<2000

=> s l4 and polycarbonat?
          70564 POLYCARBONAT?
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L5            0 L4 AND POLYCARBONAT?

=> s l4 and ?polycarbonat?
         70594 ?POLYCARBONAT?
L6            0 L4 AND ?POLYCARBONAT?

=> s l4 and aromatic polycarbonat?
        236222 AROMATIC
         70564 POLYCARBONAT?
          1642 AROMATIC POLYCARBONAT?
                 (AROMATIC(W)POLYCARBONAT?)
L7            0 L4 AND AROMATIC POLYCARBONAT?

=> d l4 1-35 ibib abs hitstr

L4   ANSWER 1 OF 35  CAPLUS  COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:         1999:436462  CAPLUS
DOCUMENT NUMBER:          131:286236
TITLE:                    Preparation and properties of fumarates derivatives of
                          propyl gallate as food preservatives
AUTHOR(S):                Wu, Yao-huan; Zhang, Yi-wei; Zeng, Han-wei; Zhong,
                          Zhen-sheng; Fu, Wei-wen
CORPORATE SOURCE:         Department of Applied Chemistry, South China
                          University of Technology, Canton, 510641, Peop. Rep.
                          China
SOURCE:                   Jingxi Huagong (1999), 16(3), 35-38
                          CODEN: JIHUFJ; ISSN: 1003-5214
PUBLISHER:                Jingxi Huagong Bianjibu
DOCUMENT TYPE:            Journal
LANGUAGE:                 Chinese
GI
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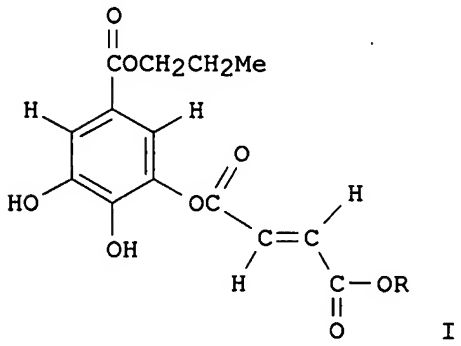


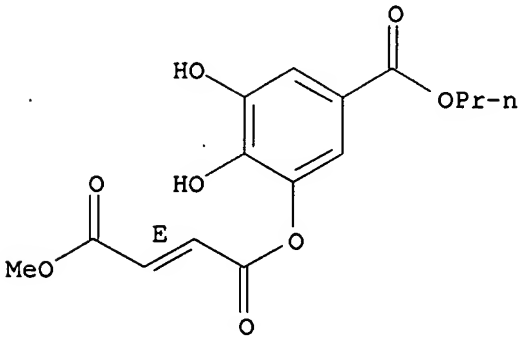
I

AB Five title compds. Pr ester of 3,4-dihydroxy-5-(trans-β-alkoxycarbonylacryloxy) benzoic acids I (R = CH3, CH3CH2, CH3(CH2)2, CH3(CH2)3,CH3(CH2)4) were prepared by reacting Pr gallate with five corresponding fumaric monoalkylester acyl chlorides ClCOCH:CHCOOR. These new compds. possess of good antioxygenic and antibiotic activities simultaneously.


```
IT   245496-66-6P 245496-67-7P 245496-68-8P
     245496-69-9P 245496-70-2P
     RL: BAC (Biological activity or effector, except adverse); BSU (Biological
     study, unclassified); FFD (Food or feed use); SPN (Synthetic preparation);
     BIOL (Biological study); PREP (Preparation); USES (Uses)
        (preparation and properties of fumarates derivs. of Pr gallate)
RN   245496-66-6  CAPLUS
CN   2-Butenedioic acid (2E)-, 2,3-dihydroxy-5-(propoxycarbonyl)phenyl methyl
```

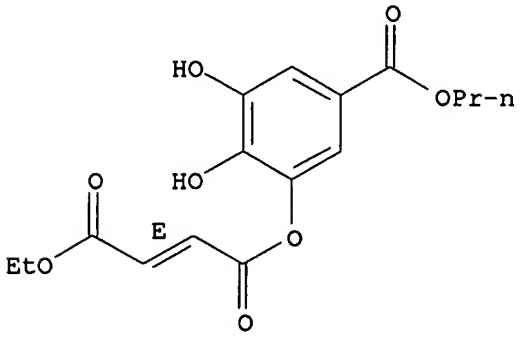
ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.



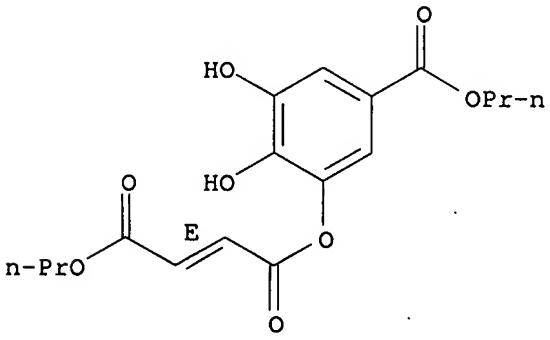
RN 245496-67-7 CAPLUS
CN 2-Butenedioic acid (2E)-, 2,3-dihydroxy-5-(propoxycarbonyl)phenyl ethyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.



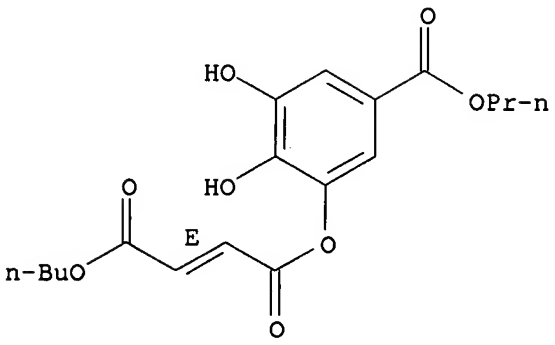
RN 245496-68-8 CAPLUS
CN 2-Butenedioic acid (2E)-, 2,3-dihydroxy-5-(propoxycarbonyl)phenyl propyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.



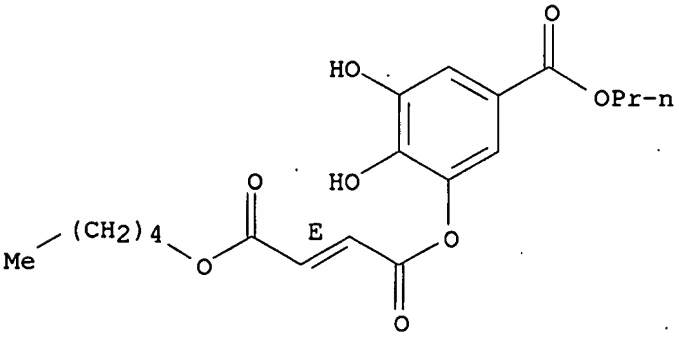
RN 245496-69-9 CAPLUS
CN 2-Butenedioic acid (2E)-, butyl 2,3-dihydroxy-5-(propoxycarbonyl)phenyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 245496-70-2 CAPLUS
CN 2-Butenedioic acid (2E)-, 2,3-dihydroxy-5-(propoxycarbonyl)phenyl pentyl ester (9CI) (CA INDEX NAME)

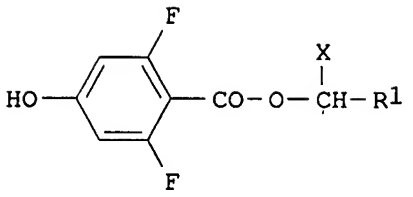
Double bond geometry as shown.



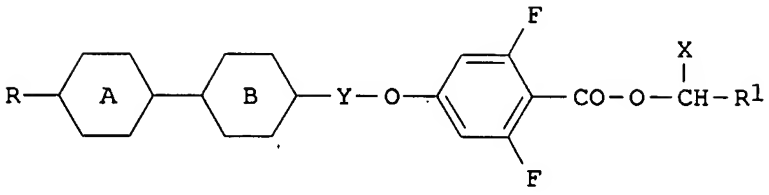
L4 ANSWER 2 OF 35 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1998:650948 CAPLUS
DOCUMENT NUMBER: 129:323922
TITLE: Optically active difluorobenzoic acid derivative and (anti)ferroelectric liquid crystal composition
INVENTOR(S): Shundo, Tatsuji; Saito, Shinichi; Okabe, Eiji; Saito, Hideo
PATENT ASSIGNEE(S): Chisso Corp., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 10265442	A	19981006	JP 1997-88919	19970324 <--
PRIORITY APPLN. INFO.:			JP 1997-88919	19970324

OTHER SOURCE(S): MARPAT 129:323922
GI



I



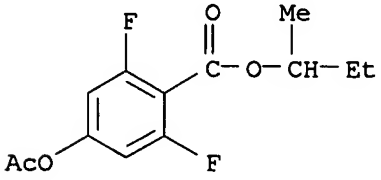
II

AB The optically active difluorobenzoic acid derivative I (R' = C2-12 alkyl; X = Me, CF3) or II [R = C4-15 alkyl, alkoxy, alkanoyl, alkanoyloxy; R' is the same as I; A, B = (F-substituted) 1,4-phenylene, single bond; Y = CH2, CO] is contained in the (anti)ferroelec. liquid crystal composition The liquid crystal display using the composition shows quick response.

IT 214917-79-0P
RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)
(intermediate; (anti)ferroelec. liquid crystal composition containing optically active difluorobenzoic acid derivative from)

RN 214917-79-0 CAPLUS

CN Benzoic acid, 4-(acetyloxy)-2,6-difluoro-, 1-methylpropyl ester (9CI) (CA INDEX NAME)



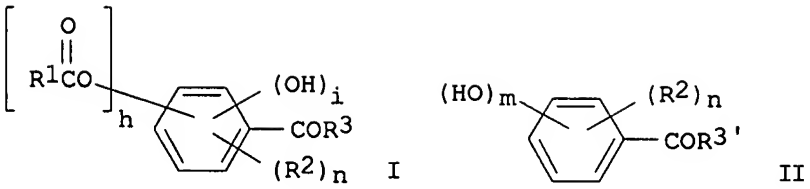
L4 ANSWER 3 OF 35 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1998:614242 CAPLUS
DOCUMENT NUMBER: 129:275700
TITLE: Preparation of acyloxybenzoic acids as bleaching activators
INVENTOR(S): Hatayama, Yoshio; Inoue, Katsuhisa; Sakaguchi, Akira
PATENT ASSIGNEE(S): Kao Corp., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 13 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 10251200	A	19980922	JP 1997-51688	19970306 <--

PRIORITY APPLN. INFO.: JP 1997-51688 19970306
OTHER SOURCE(S): CASREACT 129:275700; MARPAT 129:275700

GI

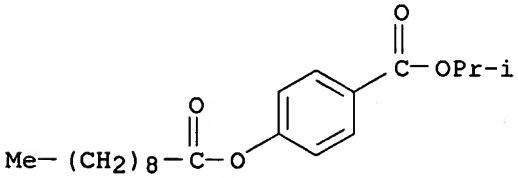


AB Title compds. I [R1 = (CO2-, CONH-, O-, or phenylene-containing) C1-21 (halo)alkyl, alkenyl, (C1-18 alkyl-substituted) Ph; R2 = C1-4 alkyl; R3 = OR4, (OR5)pOR6, NR7R8; R4 = (sulfo)alkyl; R5 = C1-4 alkylene; R6 = H, C1-20 alkyl, alkenyl, (substituted) acyloxybenzoyl; R7, R8 = H, OH, (C1-4 alkoxy-substituted) C1-3 alkyl, (OR5)pOR6; h = 1-3; i, n = 0-2; p = 1-120] are prepared by treating hydroxybenzoic acids II [R2, n = same as I; R3' = OR4, (OR5)pOR6'; m = i + h = 1-3; p, R4, R5 = same as I; R6' = H, C1-20 alkyl, alkenyl, (substituted) hydroxybenzoyl] with acylation agents. P-HOC6H4CO2H was esterified with polyoxyethylene(10) Me ether in the presence of SnO at 240° for 7 h and acylated by pelargonic acid chloride at 90° for 1 h to give a product comprising 96:3:1 p-Me(CH2)7CO2C6H4CO2(C2H4O)10Me, p-Me(CH2)7CO2C6H4CO2C6H4CO2(C2H4O)10Me-p, and p-HOC6H4CO2(C2H4O)10Me. A H2O2-containing bleaching detergent containing the product showed good bleaching of fabric stained with curry.

IT 214001-61-3P
RL: IMF (Industrial manufacture); SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(preparation of acyloxybenzoic acids as bleaching activators)

RN 214001-61-3 CAPLUS

CN Benzoic acid, 4-[(1-oxodecyl)oxy]-, 1-methylethyl ester (9CI) (CA INDEX NAME)



L4 ANSWER 4 OF 35 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1998:583885 CAPLUS

DOCUMENT NUMBER: 129:276443

TITLE: New polymer syntheses XCIII. Hyperbranched homo- and copolyesters derived from gallic acid and β-(4-hydroxyphenyl)-propionic acid

AUTHOR(S): Kricheldorf, Hans R.; Stukenbrock, Thomas

CORPORATE SOURCE: Institut fur Technische und Makromolekulare Chemie, Universitat Hamburg, Hamburg, D-20146, Germany

SOURCE: Journal of Polymer Science, Part A: Polymer Chemistry (1998), 36(13), 2347-2357
CODEN: JPACEC; ISSN: 0887-624X

PUBLISHER: John Wiley & Sons, Inc.

DOCUMENT TYPE: Journal

LANGUAGE: English

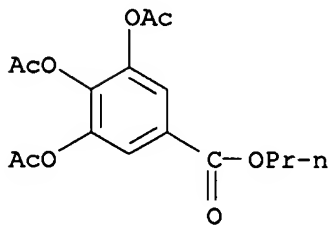
AB The hyperbranched homopolyester of gallic acid (GA) was prepared by polycondensation of acetylated gallic acid in bulk. Copolyesters of

gallic acid and 3-hydroxybenzoic acid (3-HBA) or β-(4-hydroxyphenyl)propionic acid (HPPA) were prepared via the silylated monomers. The degree of branching was varied in both series via the molar fraction of gallic acid. A model reaction with silylated 4-methoxybenzoic acid suggests that all three acetoxy groups of gallic acid can react by ester interchange reactions under the chosen reaction conditions. Furthermore, highly branched copolyesters derived from equimolar ratios of HPPA and 2-, 3-, or 4-hydroxybenzoic acid, vanillic acid, or 4-hydroxycinnamic acid were synthesized. All these copolyesters were found to be amorphous with glass transition temps. (Tg's) far below that of the hyperbranched poly(gallic acid).

IT 72685-09-7
RL: RCT (Reactant); RACT (Reactant or reagent)
(condensation reaction of trimethylsilyl methylbenzoate with triacetyl Pr gallate)

RN 72685-09-7 CAPLUS

CN Benzoic acid, 3,4,5-tris(acetyloxy)-, propyl ester (9CI) (CA INDEX NAME)



REFERENCE COUNT: 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 35 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1998:221295 CAPLUS

DOCUMENT NUMBER: 128:295137

TITLE: Cyclic and linear liquid-crystalline functionalized polyesters with main-chain ortho-linked units. Synthesis and characterization of cyclic LC unimers and dimers with "U"-shaped rigid mesogenic units with alkyl side chains

AUTHOR(S): Navarro, Fernando

CORPORATE SOURCE: Escuela Universitaria Politecnica Huesca, Universidad Zaragoza, Huesca, E-22071, Spain

SOURCE: Macromolecular Symposia (1998), 128(International Symposium on New Approaches in Polymer Synthesis and Macromolecular Formation, 1997), 99-120
CODEN: MSYMEC; ISSN: 1022-1360

PUBLISHER: Huethig & Wepf Verlag

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Although ortho-diphenols had not been extensively used in the synthesis of LC esters, a great variety of mol. structures of low and high mol. weight LC esters containing high proportions of these units can be synthesized. In this paper we describe the synthesis and characterization of new series of low and high mol. weight cyclic and linear LC esters with mesogenic "U"-shaped rigid units with terminal groups which are alkyl chains. Cyclic oligoesters and linear polyesters were formed by the polycondensation of 4,4'-[1,10-decamethylenebis(oxy)]bis(cinnamic acid) with monosubstituted catechols which are the alkyl esters of 3,4-dihydroxybenzoic acid. Although the great importance that concomitant cyclization reactions have in polyesterifications involving high proportions of ortho-diphenols does

not seem to have been considered until now, we have found that these polyesterifications produced linear polyesters along with high proportions of cyclic oligoesters even when reaction conditions disfavored cyclization. Copolymn. with p-hydroxybenzoic acid decreased the amount of cyclic oligomers, however it was necessary to copolymerize with proportions of PB higher than 50 mol-% to get copolyesters with low proportions of cyclic oligomers. As far as we know we describe the first examples of cyclic LC oligoesters and cyclic LC unimers and dimers which display enantiotropic LC mesophases stable over broad ranges of temperature Cyclic dimers display mesophases whose isotropization temps. (>300°)are much higher than that of their linear high mol. mass homologs. Cyclic LC unimers and dimers, linear LC polyesters and model compds. were characterized by FAB-MS, GPC, 1H NMR, DSC, and hot-stage polarized microscopy. All these compds. contain reactive C=C double bonds and can be crosslinked thermally and photochem. Cyclic unimers and dimers can be polymerized thermally to produce high mol. mass polymers.

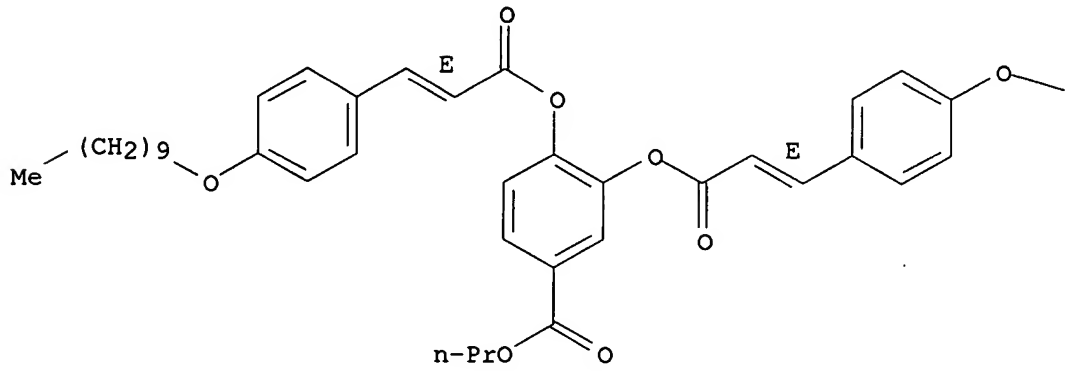
IT 205806-10-6P
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(model compound; preparation and properties of cyclic and linear liquid-crystalline
functionalized polyesters with main-chain ortho-linked unit)

RN 205806-10-6 CAPLUS

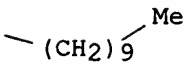
CN Benzoic acid, 3,4-bis[[3-[4-(decyloxy)phenyl]-1-oxo-2-propenyl]oxy]-, propyl ester, (E,E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

PAGE 1-A



PAGE 1-B



L4 ANSWER 6 OF 35 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1998:183911 CAPLUS

DOCUMENT NUMBER: 128:250747

TITLE: Swallow-tailed compound for ferrielectric liquid crystal composition

INVENTOR(S): Motoyama, Yuki; Yui, Tomoyuki; Johno, Masahiro; Matsumoto, Takahiro

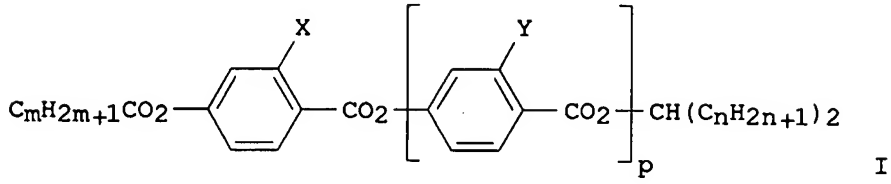
PATENT ASSIGNEE(S): Mitsubishi Gas Chemical Co., Inc., Japan

SOURCE: Eur. Pat. Appl., 12 pp.

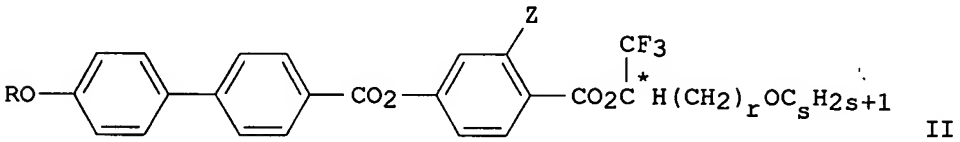
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 829468	A1	19980318	EP 1997-115626	19970909 <--
EP 829468	B1	20010613		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 10087571	A	19980407	JP 1996-243393	19960913 <--
US 5938973	A	19990817	US 1997-927795	19970911 <--
PRIORITY APPLN. INFO.:			JP 1996-243393 A	19960913

OTHER SOURCE(S): MARPAT 128:250747
GI



I

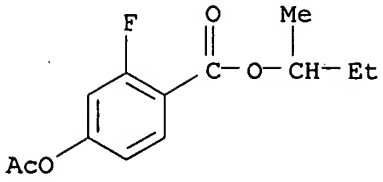


II

AB A swallow-tailed compound of the general formula I, wherein m is an integer of 4 to 10, n is an integer of 2 to 6, p is 0 or 1, and each of X and Y is independently a hydrogen or fluorine atom, and a ferrielec. liquid crystal composition consisting essentially of the swallow-tailed compound of the formula I and a ferrielec. liquid crystal compound of the formula II, wherein R is a linear alkyl group having 6 to 12 carbon atoms, Z is a hydrogen or fluorine atom, r is an integer of 2 to 4 and s is an integer of 2 to 4 are disclosed. The ferrielec. liquid crystal composition has a ferrielec. phase in a broad temperature range and attains a fast response and a large tilt angle in a broad temperature range so that a ferrielec. liquid crystal display device having high display qualities can be provided.

IT 205053-34-5P
RL: RCT (Reactant); SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation and reaction in preparation of swallow-tailed compds. for ferrielec. liquid crystal compns. for electrooptical display devices)

RN 205053-34-5 CAPLUS
CN Benzoic acid, 4-(acetyloxy)-2-fluoro-, 1-methylpropyl ester (9CI) (CA INDEX NAME)

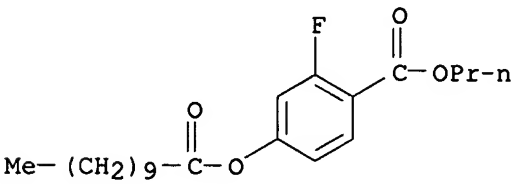


REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 7 OF 35 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1996:694328 CAPLUS
DOCUMENT NUMBER: 125:328295
TITLE: Preparation of alkyl 4-alkanoyloxybenzoates as liquid crystal components
INVENTOR(S): Motoyama, Yuki; Yui, Tomoyuki; Johno, Masahiro; Matsumoto, Takahiro; Tomiyama, Teruyo
PATENT ASSIGNEE(S): Mitsubishi Gas Chemical Company, Inc., Japan
SOURCE: Eur. Pat. Appl., 21 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

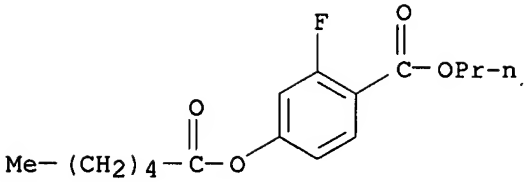
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 738704	A2	19961023	EP 1996-302753	19960419 <--
EP 738704	A3	19971119		
EP 738704	B1	20010221		
R: DE, FR, GB				
JP 09003009	A	19970107	JP 1996-96958	19960418 <--
US 5716544	A	19980210	US 1996-635320	19960419 <--
JP 09059640	A	19970304	JP 1996-133540	19960528 <--
PRIORITY APPLN. INFO.:			JP 1995-96749 A	19950421
			JP 1995-144721 A	19950612

OTHER SOURCE(S): MARPAT 125:328295
AB RCO2ZCO2CHR1R2 [I; R = CmH2m+1; R1 = H or Me; R2 = CnH2n+1; Z = (2- or 3-fluoro)1,4-phenylene; m = 3-12; n = 1-11] were prepared Thus, 2,4-F(HO)C6H3CO2 was esterified by decanoyl chloride and the product esterified by heptanol to give heptyl 4-decanoyloxy-2-fluorobenzoate. Data for properties of compns. comprising I were given.
IT 183368-06-1P 183368-07-2P 183368-15-2P
RL: MOA (Modifier or additive use); SPN (Synthetic preparation); PREP (Preparation); USES (Uses)
(preparation of alkyl 4-alkanoyloxybenzoates as liquid crystal components)
RN 183368-06-1 CAPLUS
CN Benzoic acid, 2-fluoro-4-[(1-oxoundecyl)oxy]-, propyl ester (9CI) (CA INDEX NAME)

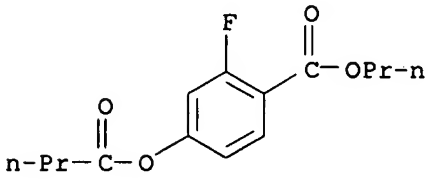


RN 183368-07-2 CAPLUS
CN Benzoic acid, 2-fluoro-4-[(1-oxohexyl)oxy]-, propyl ester (9CI) (CA INDEX

NAME)



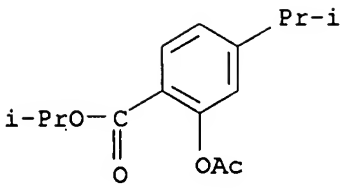
RN 183368-15-2 CAPLUS
CN Benzoic acid, 2-fluoro-4-(1-oxobutoxy)-, propyl ester (9CI) (CA INDEX NAME)



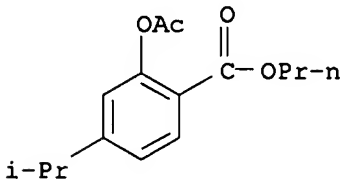
L4 ANSWER 8 OF 35 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1996:422307 CAPLUS
DOCUMENT NUMBER: 125:86234
TITLE: Preparation of 4-isopropylcyclohexanecarboxylic acid esters from 2-acetoxy-4-isopropylbenzoic acid esters
INVENTOR(S): Matsui, Masanao; Tachihara, Tooru; Iwamoto, Minoru; Takagi, Keiichi
PATENT ASSIGNEE(S): Hasegawa T Co Ltd, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 4 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 08104666	A	19960423	JP 1994-268443	19941006 <--
JP 3396097	B2	20030414		
PRIORITY APPLN. INFO.:			JP 1994-268443	19941006

OTHER SOURCE(S): CASREACT 125:86234
AB 4-Isopropylcyclohexanecarboxylic acid (I) C1-3 alkyl esters, useful as intermediates for fragrances, antiallergy and antidiabetic agents, liquid crystals, pesticides, etc., are prepared by catalytic hydrogenation of 2-acetoxy-4-isopropylbenzoic acid (II) C1-3 alkyl esters in organic solvents. II Me ester was treated with Ru-C in hexane at 14° and 50 kg/cm2 to give 71.1% I Me ester.
IT 178461-62-6P 178461-63-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of 4-isopropylcyclohexanecarboxylic acid esters by hydrogenation of 2-acetoxy-4-isopropylbenzoic acid esters)
RN 178461-62-6 CAPLUS
CN Benzoic acid, 2-(acetyloxy)-4-(1-methylethyl)-, 1-methylethyl ester (9CI) (CA INDEX NAME)



RN 178461-63-7 CAPLUS
CN Benzoic acid, 2-(acetyloxy)-4-(1-methylethyl)-, propyl ester (9CI) (CA INDEX NAME)



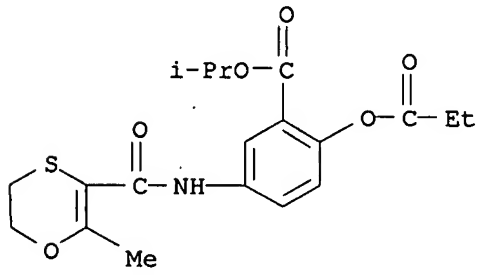
L4 ANSWER 9 OF 35 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1995:556534 CAPLUS
DOCUMENT NUMBER: 122:305888
TITLE: Oxathiin carboxanilide derivatives: a class of nonnucleoside HIV-1-specific reverse transcriptase inhibitors (NNRTIs) that are active against mutant HIV-1 strains resistant to other NNRTIs
AUTHOR(S): Balzarini, J.; Jonckheere, H.; Harrison, W. A.; Dao, D. C.; Anne, J.; De Clercq, E.; Karlsson, A.
CORPORATE SOURCE: Rega Institute Medical Research, Leuven, 3000, Belg.
SOURCE: Antiviral Chemistry & Chemotherapy (1995), 6(3), 169-78
CODEN: ACCHEH; ISSN: 0956-3202
PUBLISHER: Blackwell
DOCUMENT TYPE: Journal
LANGUAGE: English
AB The HIV-1-specific oxathiin carboxanilide derivative 1-methylethyl 2-chloro-5-[[(5,6-dihydro-2-methyl-1,4-oxathiin-3-yl)carbonyl]amino]benzene (NSC 615985) (designated UC84) has potent activity against HIV-1(IIIB) (50% effective concentration: 0.015 μg mL-1). UC84 was found to select for a 138-Lys mutant virus strain in HIV-1-infected CEM cell cultures. When the 138-Lys mutation was introduced solely in the p51 subunit of the p51/p66 reverse transcriptase (RT) heterodimer by site-directed mutagenesis, the enzyme proved 10-fold more resistant to UC84 than when the amino acid mutation was introduced solely in the p66 subunit of the p51/p66 RT heterodimer. These data provided clear evidence for a structural and functional role of the p51 subunit in the sensitivity/resistance of the enzyme to UC84. UC84 also proved to be virtually inactive against mutant HIV-1 strains containing the 100-Ile, 106-Ala, 138-Lys or 181-Cys mutation in their RT. However, minor structural changes in the mol., such as replacement of the oxygen of the amide moiety by sulfur, or the iso-Pr ester moiety by cyclopentyl or a sec-Bu, or the Me group of the oxathiin part by Et, made the compound markedly more inhibitory to one or several HIV-1 mutant strains. For example, compound 131 (1-methylethyl 2-chloro-5-[[(5,6-dihydro-2-methyl-1,4-oxathiin-3-yl)thioxomethyl]amino]benzoate was only 2-fold more active than the parent compound UC84 against wild-type HIV-1, but 30- to 100-fold more inhibitory to HIV-1 mutant strains that contained the 100-Ile, 106-Ala, 138-Lys or 181-Cys in their RT. These findings should be taken into account when selecting suitable drug candidates for the treatment of HIV-1

infections, particularly those that have developed resistance to other non-nucleoside RT inhibitors (NNRTIs).

IT 135813-34-2P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(oxathiin carboxanilides: HIV-1-specific reverse transcriptase inhibition and preparation)

RN 135813-34-2 CAPLUS

CN Benzoic acid, 5-[[(5,6-dihydro-2-methyl-1,4-oxathiin-3-yl)carbonyl]amino]-2-(1-oxopropoxy)-, 1-methylethyl ester (9CI) (CA INDEX NAME)



L4 ANSWER 10 OF 35 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1995:367762 CAPLUS

DOCUMENT NUMBER: 123:185849

TITLE: Studies of diamagnetic susceptibilities of a few azo, azoxy and ester compounds from molecular vibration parameters

AUTHOR(S): Arun Murthy, T. V. S.; Murthy, V. R.

CORPORATE SOURCE: Department Physics, S. S. G. M. College Engineering, Shegaon, 444 203, India

SOURCE: Acta Ciencia Indica, Physics (1993), 19(4), 73-8
CODEN: ACIPD2; ISSN: 0253-732X

PUBLISHER: Pragati Prakashan

DOCUMENT TYPE: Journal

LANGUAGE: English

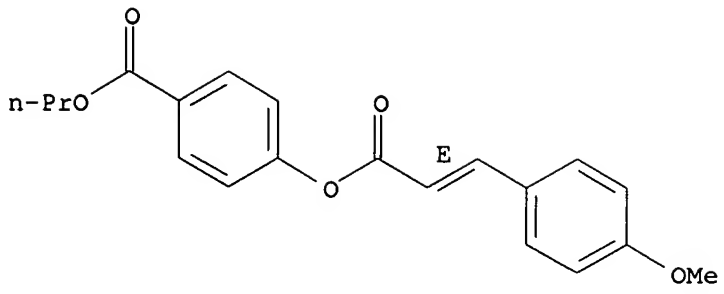
AB The diamagnetic susceptibilities of a few azo, azoxy, and ester compds. have been studied by the mol. vibration method of Murthy et al. (1990). The compds. studied were: p-{(p'-alkoxyphenyl)azo}phenyl esters, p,p'-dialkoxyazoxybenzenes, 4-cyanophenyl esters of 4'-alkoxycinnamic acids, 4-cyanophenyl esters of 4'-alkylcinnamic acids, and Me p-(p'-alkoxycinnamoyloxy)benzoates. The additivity concept of susceptibility can be visualized by the increment of 'X' with 'n' in liquid crystalline phase.

IT 167486-03-5
RL: PRP (Properties)
(studies of diamagnetic susceptibilities of azo, azoxy, and ester compds. from mol. vibration parameters)

RN 167486-03-5 CAPLUS

CN Benzoic acid, 4-[[3-(4-methoxyphenyl)-1-oxo-2-propenyl]oxy]-, propyl ester, (E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

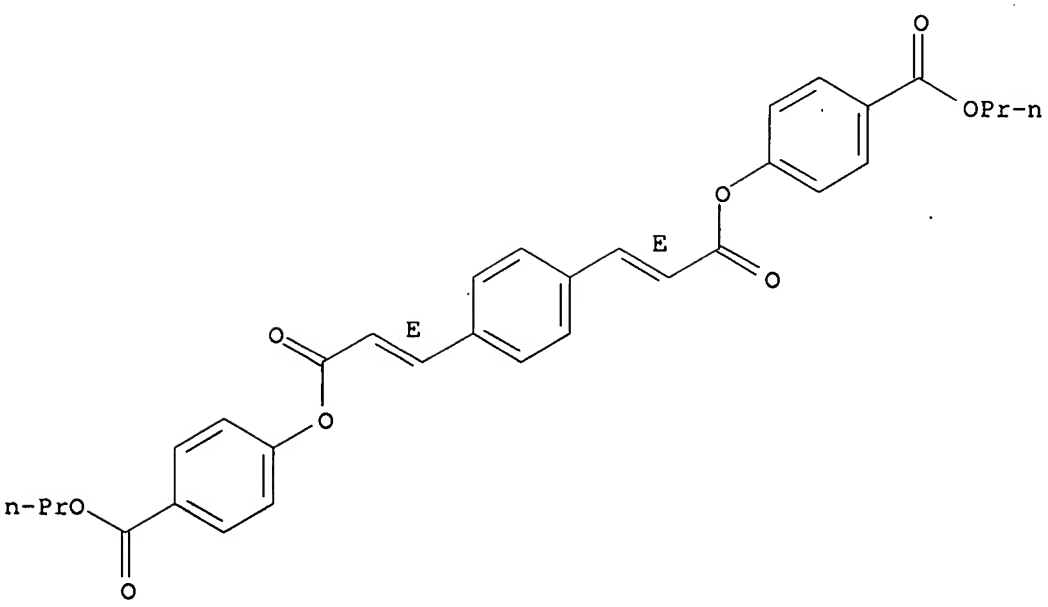


L4 ANSWER 11 OF 35 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1994:121300 CAPLUS
DOCUMENT NUMBER: 120:121300
TITLE: Synthesis and characterization of two isomeric liquid crystal series with reactive double bonds
AUTHOR(S): Tejedor, R. M.; Rodriguez, J. L.; Oriol, L.; Serrano, J. L.
CORPORATE SOURCE: Grupo Gen. Cable, Cent. Invest. Tecnol., Zaragoza, 50016, Spain
SOURCE: Liquid Crystals (1993), 15(5), 689-700
CODEN: LICRE6; ISSN: 0267-8292
DOCUMENT TYPE: Journal
LANGUAGE: English

AB Two series of potentially cross-linkable liquid crystal materials derived from p-phenylenebisacrylic (series I, n(P.FB.P), n = 2-10) and p-hydroxycinnamic acid (series II, n(Hc.T.HC), n = 2-10) were synthesized and their thermal and mesomorphic properties studied. All these compds. show enantiotropic mesomorphism over a wide range of temps. Compds. with short terminal chains are nematic and when the terminal chain length is increased they show smectic polymorphism-smectic A and C. Most of the compds. are thermally stable over their mesophase ranges.

IT 153085-65-5P
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(preparation and liquid crystal properties of)
RN 153085-65-5 CAPLUS
CN Benzoic acid, 4,4'-[1,4-phenylenebis[(1-oxo-2-propene-3,1-diyl)oxy]]bis-, dipropyl ester, (E,E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

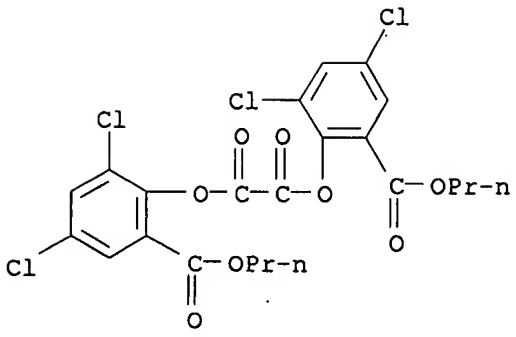


L4 ANSWER 12 OF 35 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1993:222683 CAPLUS
DOCUMENT NUMBER: 118:222683
TITLE: Electrochemical behavior of polycyclic arenes - the activators of peroxide-oxalate chemiluminescence. Oxidation potential as a criterion of the activator efficiency in the reaction of bis-(2,4-dichloro-6-carboalkoxyphenyl)-oxalates with hydrogen peroxide
AUTHOR(S): Antonkina, O. A.; Smirnov, S. K.; Gitel, P. O.
CORPORATE SOURCE: Gos. Russ. Nauchno-Issled. Inst. Org. Khim. Tekhnol., Moscow, Russia
SOURCE: Elektrokhimiya (1992), 28(9), 1335-43
CODEN: ELKKAX; ISSN: 0424-8570
DOCUMENT TYPE: Journal
LANGUAGE: Russian

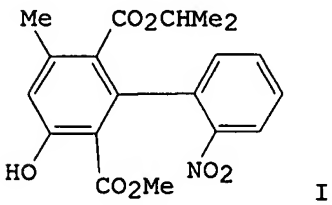
AB Efficiency was studied of the substituted anthracene and naphthalene activators in chemiluminescent reaction of bis-(dichlorocarboalkoxyphenyl)oxalates with H2O2 in the presence of Na salicylate catalyst in nonaq. solns. For all the oxalates a dependence of ln(Imax/ϕL) and E1/2 (Ox) was obtained (Imax = maximum chemiluminescence intensity; ϕL = quantum efficiency of the activator excited state formation; E1/2(Ox) = activator oxidation potential). Mean rate consts. of chemiluminescence decay were 1.7 + 10-2 - 2.3 + 10-2s-1, in the case of bis(2,4-dichloro-6-carbomethoxyphenyl)oxalate at 5 + 10-2 - 6.1 + 10-2s-1. The effects of temperature and mol. structure of the oxalate ester group on the reaction were analyzed.

IT 147409-77-6P, Bis(2,4-dichloro-6-carbopropoxyphenyl) oxalate
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and chemiluminescent reaction of, with hydrogen peroxide, efficiency of substituted anthracene and naphthalene activators for)

RN 147409-77-6 CAPLUS
CN Ethanedioic acid, bis[2,4-dichloro-6-(propoxycarbonyl)phenyl] ester (9CI) (CA INDEX NAME)



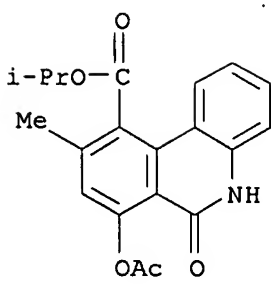
L4 ANSWER 13 OF 35 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1992:128304 CAPLUS
DOCUMENT NUMBER: 116:128304
TITLE: Agents for the treatment of overactive detrusor. I. Synthesis and structure-activity relationships of 1,1'-biphenyl derivatives
AUTHOR(S): Take, Kazuhiko; Okumura, Kazuo; Takimoto, Koichi; Kato, Masayuki; Ohtsuka, Minoru; Shiokawa, Youichi
CORPORATE SOURCE: New Drug Res. Lab., Fujisawa Pharm. Co., Ltd., Osaka, 532, Japan
SOURCE: Chemical & Pharmaceutical Bulletin (1991), 39(11), 2915-23
CODEN: CPBTAL; ISSN: 0009-2363
DOCUMENT TYPE: Journal
LANGUAGE: English
GI



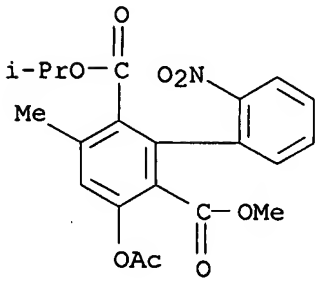
I

AB A series of 1,1'-biphenyl-2,6-dicarboxylic acid diesters was synthesized and examined for inhibitory activity on guinea-pig detrusor muscle contraction by elec. field stimulation in vitro. Among them, biphenyldicarboxylate I, FR75513, was one of the potent compds. (IC50 = 3.3 + 10-6 g/mL). I exhibited a strong inhibitory activity on detrusor contraction after i.v. administration in anesthetized rats (ID50 = 0.04 mg/kg).

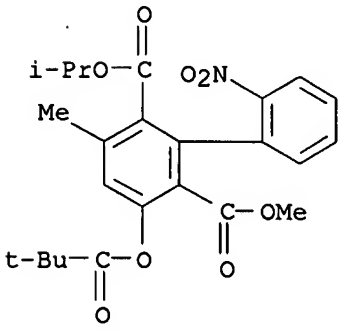
IT 139471-62-8P 139471-76-4P 139471-77-5P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and inhibitory activity of, on detrusor muscle contraction)
RN 139471-62-8 CAPLUS
CN 10-Phenanthridinecarboxylic acid, 7-(acetyloxy)-5,6-dihydro-9-methyl-6-oxo-, 1-methylethyl ester (9CI) (CA INDEX NAME)



RN 139471-76-4 CAPLUS
CN [1,1'-Biphenyl]-2,6-dicarboxylic acid, 3-(acetyloxy)-5-methyl-2'-nitro-, 2-methyl 6-(1-methylethyl) ester (9CI) (CA INDEX NAME)



RN 139471-77-5 CAPLUS
CN [1,1'-Biphenyl]-2,6-dicarboxylic acid, 3-(2,2-dimethyl-1-oxopropoxy)-5-methyl-2'-nitro-, 2-methyl 6-(1-methylethyl) ester (9CI) (CA INDEX NAME)



L4 ANSWER 14 OF 35 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER:	1991:514520 CAPLUS
DOCUMENT NUMBER:	115:114520
TITLE:	Treatment of HIV infections and compounds useful therein
INVENTOR(S):	Harrison, William A.; Jewell, Gary E.; Felauer, Ethel E.; Dekeyser, Mark A.; Cong, Dong D.; McGuiness, James A.; Mishra, Anupama; Brouwer, Walter G.; McPhee, Derek J.
PATENT ASSIGNEE(S):	Uniroyal Chemical Ltd., Can.; Uniroyal Chemical Co., Inc.
SOURCE:	PCT Int. Appl., 187 pp. CODEN: PIXXD2
DOCUMENT TYPE:	Patent

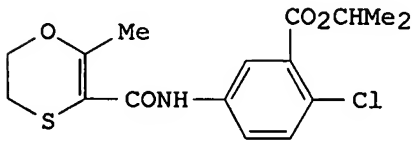
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9105761	A1	19910502	WO 1990-US5760	19901009 <--
W: AU, BR, CA, FI, HU, JP, KR, NO, SU				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
US 5268389	A	19931207	US 1990-588208	19900926 <--
CA 2067381	A1	19910417	CA 1990-2067381	19901009 <--
CA 2067381	C	20040406		
AU 9066035	A	19910516	AU 1990-66035	19901009 <--
AU 636409	B2	19930429		
ZA 9008094	A	19910828	ZA 1990-8094	19901009 <--
BR 9007758	A	19920811	BR 1990-7758	19901009 <--
EP 497816	A1	19920812	EP 1990-915588	19901009 <--
EP 497816	B1	19950517		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
HU 60713	A2	19921028	HU 1992-1258	19901009 <--
HU 220759	B1	20020528		
JP 04507422	T	19921224	JP 1990-514569	19901009 <--
JP 06102641	B	19941214		
RU 2108785	C1	19980420	RU 1990-5011885	19901009 <--
IL 95956	A	19960331	IL 1990-95956	19901010 <--
CN 1051036	A	19910501	CN 1990-108426	19901016 <--
US 5693827	A	19971202	US 1995-485291	19950607 <--

PRIORITY APPLN. INFO.:

US 1989-421155	A	19891016
US 1990-567982	A	19900815
US 1990-588208	A	19900926
WO 1990-US5760	A	19901009
US 1993-98978	B3	19930728

OTHER SOURCE(S): MARPAT 115:114520
GI



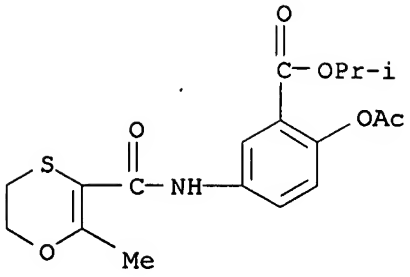
I

AB Numerous potential antivirucidal (thio)amidobenzoates RC(X)NHC6HnR14-nCO2R2 [R = (un)substituted 1,4-oxathiin-3-yl, furyl, Ph, 1,4-dithiin-2-yl; R1 = Cl, F, OH; R2 = alkyl; X = O, S] and related compds. were prepared Thus, amidobenzoate I was prepared by reaction of 5,6-dihydro-2-methyl-1,4-oxathiin-3-carbonyl chloride and 2,5-Cl(H2N)C6H3CO2CHMe2.

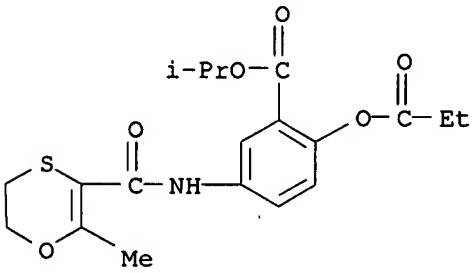
IT 135813-33-1P 135813-34-2P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as human immunodeficiency virus inhibitor)

RN 135813-33-1 CAPLUS

CN Benzoic acid, 2-(acetyloxy)-5-[[(5,6-dihydro-2-methyl-1,4-oxathiin-3-yl)carbonyl]amino]-, 1-methylethyl ester (9CI) (CA INDEX NAME)



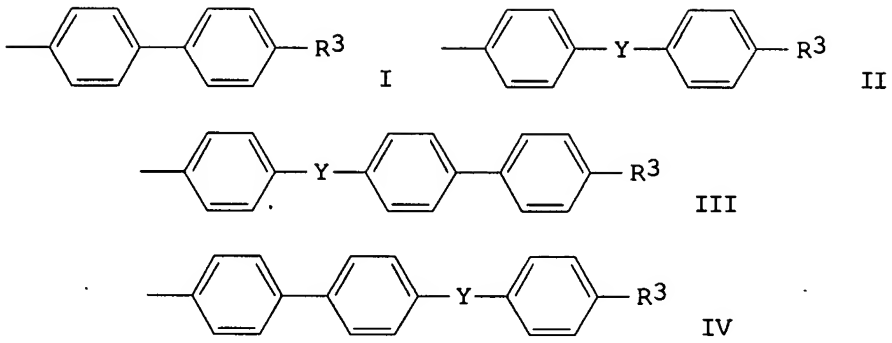
RN 135813-34-2 CAPLUS
CN Benzoic acid, 5-[[(5,6-dihydro-2-methyl-1,4-oxathiin-3-yl)carbonyl]amino]-2-(1-oxopropoxy)-, 1-methylethyl ester (9CI) (CA INDEX NAME)



L4 ANSWER 15 OF 35 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1990:66877 CAPLUS
DOCUMENT NUMBER: 112:66877
TITLE: Diols for liquid-crystalline polyesters for fast-response displays
INVENTOR(S): Morita, Kazuharu; Hashimoto, Kenji; Uchida, Toshiharu; Hachiya, Satoshi
PATENT ASSIGNEE(S): Idemitsu Kosan Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 26 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 01083048	A	19890328	JP 1987-237470	19870924 <--
JP 06074236	B	19940921		

PRIORITY APPLN. INFO.: JP 1987-237470 19870924
OTHER SOURCE(S): MARPAT 112:66877
GI



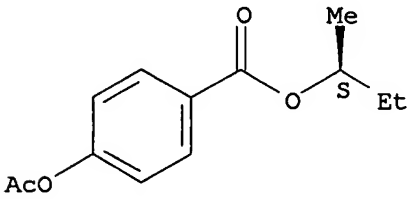
AB The title diols are represented by the general formula R1C(CH2OH)2CO2(CH2)k(A)mR2 [R1 = H, Me, Et; k = 1-30; A = O, CO2; m = 0, 1; R2 = I, II, III, IV; Y = CO2, O2C; R3 = CO2R4, O2CR4, OR4, COR4, R4; R4 = (CH2)n(CHR5)qCHR6(CH2)pMe; R5, R6 = Me, CN, halogen; n, p = 0-10; when R6 = Me, p ≠ 0 and q = 0, 1].

IT 118164-45-7P
RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)
(manufacture and deacetoxylation of)

RN 118164-45-7 CAPLUS

CN Benzoic acid, 4-(acetyloxy)-, 1-methylpropyl ester, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 16 OF 35 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1989:212105 CAPLUS

DOCUMENT NUMBER: 110:212105

TITLE: Polysulfonylamines. X. N-acetyldimesylamine (N,N-dimesylacetamide): synthesis and acylating activity

AUTHOR(S): Blaschette, Armand; Safari, Firouz

CORPORATE SOURCE: Inst. Anorg. Anal. Chem., Tech. Univ. Braunschweig, Braunschweig, D-3300, Fed. Rep. Ger.

SOURCE: Chemiker-Zeitung (1988), 112(10), 313-15
CODEN: CMKZAT; ISSN: 0009-2894

DOCUMENT TYPE: Journal

LANGUAGE: German

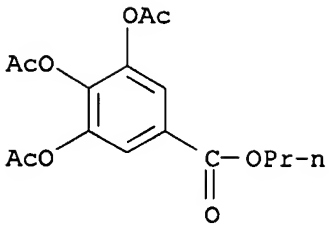
OTHER SOURCE(S): CASREACT 110:212105

AB (MeSO2)2NAc (I) was prepared quant. by treating (MeSO2)2NK with AcCl. I is a versatile transacylating agent for, e.g. phenols, carboxylic acids, sulfonic acids, amines.

IT 72685-09-7P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 72685-09-7 CAPLUS

CN Benzoic acid, 3,4,5-tris(acetyloxy)-, propyl ester (9CI) (CA INDEX NAME)



L4 ANSWER 17 OF 35 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1989:48606 CAPLUS
DOCUMENT NUMBER: 110:48606
TITLE: Liquid-crystal polymers, especially for large and moving displays
INVENTOR(S): Morita, Kazuharu; Uchida, Shunji; Hachiya, Satoshi
PATENT ASSIGNEE(S): Idemitsu Kosan Co., Ltd., Japan
SOURCE: Eur. Pat. Appl., 41 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 258898	A2	19880309	EP 1987-112891	19870903 <--
EP 258898	A3	19890614		
EP 258898	B1	19920422		
R: BE, CH, DE, FR, GB, IT, LI, NL, SE				
JP 01022919	A	19890125	JP 1987-179139	19870720 <--
US 4818807	A	19890404	US 1987-92612	19870903 <--
JP 01113424	A	19890502	JP 1987-219225	19870903 <--

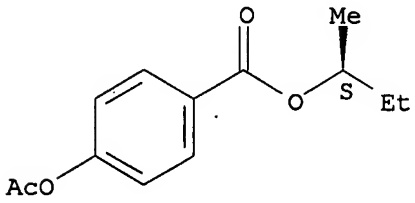
PRIORITY APPLN. INFO.: JP 1986-206851 A 19860904
JP 1987-173025 A 19870713
JP 1987-179139 A 19870720

AB The title polymers, which show ferroelec. chiral smectic C phases over wide temperature ranges (including the vicinity of room temperature) and high-speed responses to external factors, have repeating units of the general formula CH2C(R1)[CO2(CH2)kAmR2]CH2O2C(CH2)lCO2, where R1 = H, Me, or Et; l = 1-20; k = 1-30; A = O or CO2; m = 0 or 1; R2 = PhePheR3, PheYPheR3, PheYPhePheR3, or PhePheYPheR3; Phe = 1,4-phenylene; Y = CO2 or OCO; R3 = COOR4, OCOR4, OR4, COR4, or R4; R4 = (CH2)n[CH(X)]qCH(R5)(CH2)pMe; R5 = Me, CN, or halogen; n,p = 0-10 (p ≠ 0 if R5 = Me); X = halogen; and q = 0 or 1. 4'-Hydroxybiphenyl-4-carboxylic acid was esterified with (S)-(-)-2-methylbutanol, the hydroxy ester obtained was reacted with 1,12-dibromododecane, the product was reacted with 2,2-bis(hydroxymethyl)propionic acid, and that product was condensation polymerized with malonyl dichloride to prepare a polymer having number average mol. weight 5000, response time 0.04 s, and glass-smectic, smectic-chiral smectic C (SC*), SC*-SA, and SA-isotropic phase transitions at -7, -1, 27, and 74°, resp., during heating. The transition temps. were somewhat lower during cooling.

IT 118164-45-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction of, in formation of liquid-crystal polymers)

RN 118164-45-7 CAPLUS
CN Benzoic acid, 4-(acetyloxy)-, 1-methylpropyl ester, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 18 OF 35 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1988:483554 CAPLUS
DOCUMENT NUMBER: 109:83554
TITLE: Thermal recording sheets
INVENTOR(S): Satake, Hisami; Kimura, Yoshihide; Fujimura, Akio; Oda, Satoshi; Maue, Masato
PATENT ASSIGNEE(S): Jujo Paper Mfg. Co., Ltd., Japan; Yoshitomi Pharmaceutical Industries, Ltd.
SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

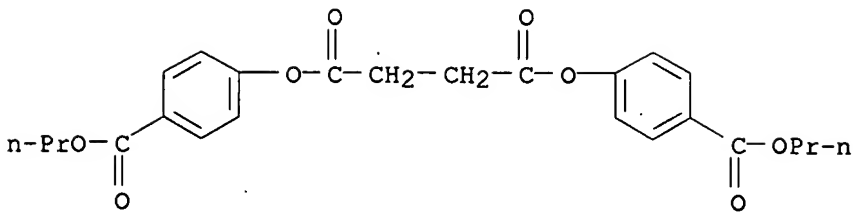
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 62083184	A	19870416	JP 1985-225476	19851009 <--
JP 03069317	B	19911031		

PRIORITY APPLN. INFO.: JP 1985-225476 19851009

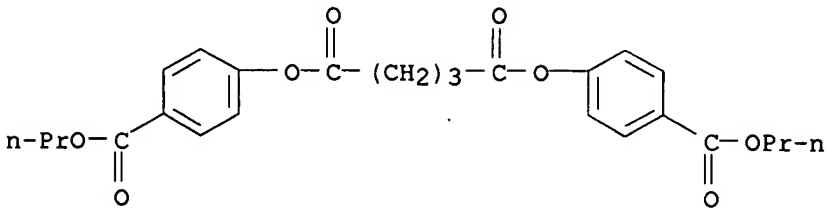
AB The title sheets, possess a color-forming layer containing a colorless or pale-colored basic dye, an organic color-developing agent, and a sensitizer of the general formula RO2CC6H4OCO(CH2)nCO2C6H4CO2R1p (R, R1 = C1-12 alkyl, C5-10 cyclic aliphatic moiety, Ph, PhCH2; n = 0-8) (I). The sheets give high image d. and show long-term stability of the recorded images without background fogging. Thus, a paper support was coated with a color-forming layer composed of 3'-diethylamino-6'-methyl-7'-anilinofluoran, poly(vinyl alc.), bisphenol A, Zn stearate, and I (R = R1 = Me; n = 2) to obtain a thermal recording sheet. Thermal recording on the sheet gave initial image d. 1.19, image d. 1.19 after 24-h storage at 40° and 90% relative humidity, and image d. 1.22 after 24-h storage at 60° vs. 0.95, 0.93, and 0.85, resp., for a control thermal recording sheet containing p-PhCH2OC6H4CO2CH2Ph in place of I under identical conditions.

IT 105653-03-0 105674-44-0
RL: USES (Uses)
(sensitizers, for thermal recording materials containing leuco dyes)

RN 105653-03-0 CAPLUS
CN Butanedioic acid, bis[4-(propoxycarbonyl)phenyl] ester (9CI) (CA INDEX NAME)



RN 105674-44-0 CAPLUS
CN Pentanedioic acid, bis[4-(propoxycarbonyl)phenyl] ester (9CI) (CA INDEX NAME)



L4 ANSWER 19 OF 35 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1987:431297 CAPLUS
DOCUMENT NUMBER: 107:31297
TITLE: Thermal recording materials
INVENTOR(S): Ikeda, Haruhiko; Hiraishi, Shigetoshi
PATENT ASSIGNEE(S): Mitsubishi Paper Mills, Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

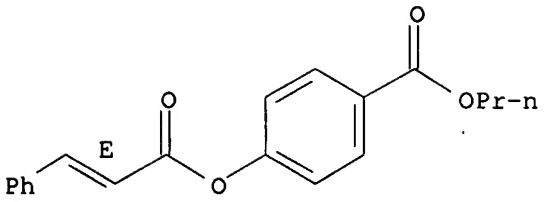
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 61263793	A	19861121	JP 1985-106467	19850517 <--
JP 05034147	B	19930521		

PRIORITY APPLN. INFO.: JP 1985-106467 19850517

AB The recording materials contain a leuco dye, a color developer, and a sensitizer(s) RO(p-C2H5)CO2R1 (R = cinnamoyl, phenylacetyl, phenoxyacetyl; R1 = alkyl). The sensitizers provide improved image stability and thermal sensitivity. Thus, a dispersion containing 3'-diethylamino-6'-methyl-7'-phenylaminofluoran, 2,2-bis(p-hydroxyphenyl)propane, and Me trans-p-cinnamoyloxybenzoate (I), and poly(vinyl alc.) was added with a 50% CaCO3 dispersion, a 20% Zn stearate dispersion, and poly(vinyl alc.) and applied on a plain paper to form a 6 g/m2 layer. Thermal printing gave image d. 1.02 vs. 0.92 for a control containing N-methylolstearamide instead of I. Image d. after 24 h storage at 60° and 90% humidity was 92% of original (vs. 87%), and fog d. after 24 h at 60° was 0.10 (vs. 0.22).

IT 108939-29-3
RL: USES (Uses)
(thermal recording material with sensitizer from)
RN 108939-29-3 CAPLUS
CN Benzoic acid, 4-[(1-oxo-3-phenyl-2-propenyl)oxy]-, propyl ester, (E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

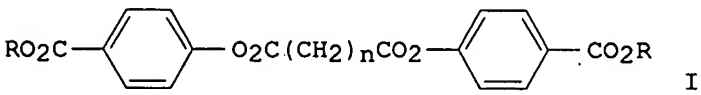


L4 ANSWER 20 OF 35 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1987:4671 CAPLUS
DOCUMENT NUMBER: 106:4671
TITLE: Alkanedicarboxylic diaryl esters
INVENTOR(S): Akashi, Hiroyuki; Inoue, Takeshi; Horie, Shoichi
PATENT ASSIGNEE(S): Yoshitomi Pharmaceutical Industries, Ltd., Japan
SOURCE: PCT Int. Appl., 13 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 8603193	A1	19860605	WO 1985-JP641	19851116 <--
W: US				
RW: BE, CH, DE, FR, GB, NL, SE				
JP 61122249	A	19860610	JP 1984-245672	19841120 <--
JP 05001778	B	19930111		
JP 61268654	A	19861128	JP 1985-109867	19850521 <--
EP 202340	A1	19861126	EP 1985-905882	19851116 <--
EP 202340	B1	19890531		
R: BE, CH, DE, FR, GB, LI, NL, SE				
US 4713474	A	19871215	US 1986-887452	19860703 <--

PRIORITY APPLN. INFO.:
JP 1984-245672 A 19841120
JP 1985-109867 A 19850521
WO 1985-JP641 W 19851116

OTHER SOURCE(S): CASREACT 106:4671; MARPAT 106:4671
GI



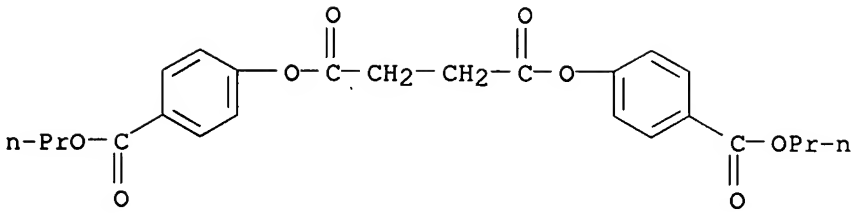
I

AB The title esters (I; R = C1-8 alkyl, PhCh2; n = 0-8), useful as pesticides and plasticizers for thermoplastic polymers (no data), are prepared Thus, a solution of 9.2 g ClCO(CH2)4COCl in Et2O was added to a mixture of 16.6 g p-HOC6H4CO2Et and 7.9 g pyridine in Et2O at 0-5° to give I (R = Et, n = 4).

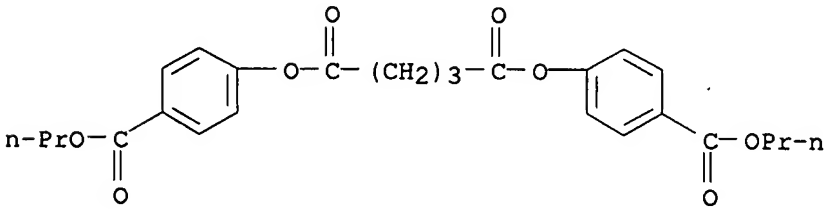
IT 105653-03-0P 105674-44-0P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as pesticide and plasticizer)

RN 105653-03-0 CAPLUS

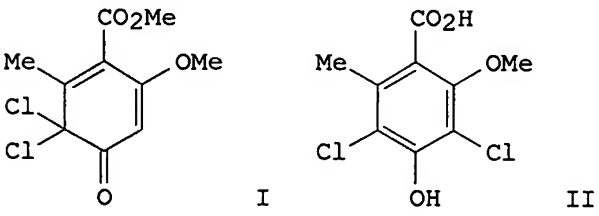
CN Butanedioic acid, bis[4-(propoxycarbonyl)phenyl] ester (9CI) (CA INDEX NAME)



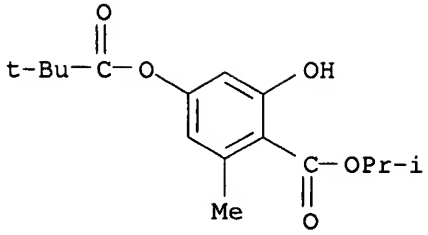
RN 105674-44-0 CAPLUS
CN Pentanedioic acid, bis[4-(propoxycarbonyl)phenyl] ester (9CI) (CA INDEX NAME)



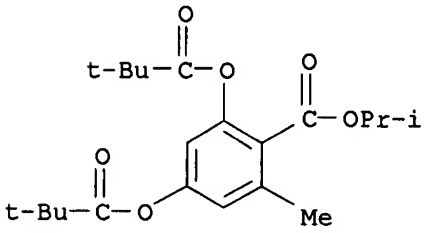
L4 ANSWER 21 OF 35 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1986:442523 CAPLUS
DOCUMENT NUMBER: 105:42523
TITLE: Improved synthesis of dichloroisoeverninic acid
AUTHOR(S): Dornhagen, Juergen; Scharf, Hans Dieter
CORPORATE SOURCE: Inst. Org. Chem., Rhein-Westfael. Tech. Hochsch., Aachen, D-5100, Fed. Rep. Ger.
SOURCE: Zeitschrift fuer Naturforschung, Teil B: Anorganische Chemie, Organische Chemie (1985), 40B(11), 1541-9
CODEN: ZNBAD2; ISSN: 0340-5087
DOCUMENT TYPE: Journal
LANGUAGE: German
OTHER SOURCE(S): CASREACT 105:42523
GI



AB Dichlorination of Me isoeverninate gave the gem. dichloro ketone I as the major product. The title compound (II) was therefore synthesized via dichlorination of Me 4-O-pivaloylorsellinate.
IT 103233-52-9P 103246-27-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 103233-52-9 CAPLUS
CN Benzoic acid, 4-(2,2-dimethyl-1-oxopropoxy)-2-hydroxy-6-methyl-, 1-methylethyl ester (9CI) (CA INDEX NAME)

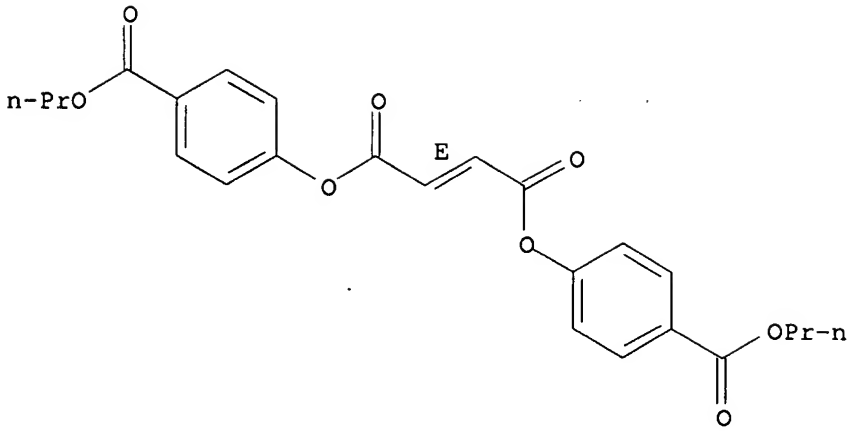


RN 103246-27-1 CAPLUS
CN Benzoic acid, 2,4-bis(2,2-dimethyl-1-oxopropoxy)-6-methyl-, 1-methylethyl ester (9CI) (CA INDEX NAME)

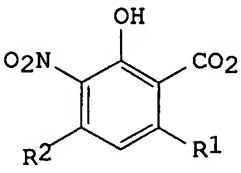


L4 ANSWER 22 OF 35 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1985:596501 CAPLUS
DOCUMENT NUMBER: 103:196501
TITLE: Thermotropic polyesters, 4. Syntheses of liquid crystalline poly(oxyfumaroyloxy-1,4-phenylenecarbonyloxyalkyleneoxycarbonyl-1,4-phenylene)s
AUTHOR(S): Bilibin, A. Yu.; Zuev, V. V.; Skorokhodov, S. S.
CORPORATE SOURCE: Inst. Macromol. Compd., Leningrad, 199004, USSR
SOURCE: Makromolekulare Chemie, Rapid Communications (1985), 6(9), 601-6
CODEN: MCRCD4; ISSN: 0173-2803
DOCUMENT TYPE: Journal
LANGUAGE: English
AB 4,4'-(Fumaroyldioxy)dibenzoyl chloride (I) [99110-03-9] was prepared and copolymd. with HO(CH2)nOH (n = 4,5,6,10) and with triethylene glycol to give the title polyesters of intrinsic viscosity 0.51-1.92 dL/g (CHCl3, 20°). Model compds. displaying no liquid crystalline properties were prepared from I and ROH (R = Me, Pr, Bu, amyl). Analogous polyesters prepared from 4,4'-(terephthaloyldioxy)dibenzoyl dichloride had more pronounced liquid crystalline properties than those prepared from I.
IT 99125-23-2P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as model compds. for thermotropic liquid crystalline polyester)
RN 99125-23-2 CAPLUS
CN 2-Butenedioic acid (2E)-, bis[4-(propoxycarbonyl)phenyl] ester (9CI) (CA INDEX NAME)

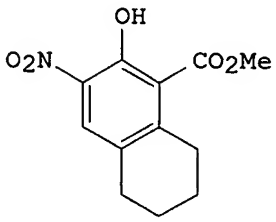
Double bond geometry as shown.



L4 ANSWER 23 OF 35 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1984:209295 CAPLUS
DOCUMENT NUMBER: 100:209295
TITLE: Construction of highly substituted nitroaromatic systems by cyclocondensation. Part II. Conversion of 4-nitro-3-oxobutyrate to 3-nitrosalicylates
AUTHOR(S): Duthaler, Rudolf O.
CORPORATE SOURCE: Lab. Org. Chem., Eidg. Tech. Hochsch., Zurich, CH-8092, Switz.
SOURCE: Helvetica Chimica Acta (1983), 66(8), 2543-63
CODEN: HCACAV; ISSN: 0018-019X
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 100:209295
GI



IV



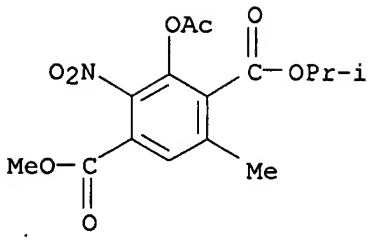
V

AB Base-catalyzed cyclocondensation of O2NCH2COCH2CO2R (I; R = Me, Et) with MeCOCH2COR1 (II; R1 = H, Me, CO2Me, CO2Et, CH2COMe) and 2-formylcyclohexanone (III) gave 20-80% 3-nitrosalicylates, e.g., IV (R2 = H, Me, MeCOCH2) by a double aldol condensation. With unsym. II both regioisomers were formed; with II (R1 = H) and III the NO2-substituted C of I preferentially added to the aldehyde CO, to give IV (R = H) and tetrahydronaphthalene V. I (R = Me) reacted with unsatd. ketones MeCOR3 (R3 = MeOCH:CH, HC.tplbond.C) and ClCH:CHCOCH2R4 (R4 = Me2CH, Bu) to give very low yields of the resp. nitrosalicylates.

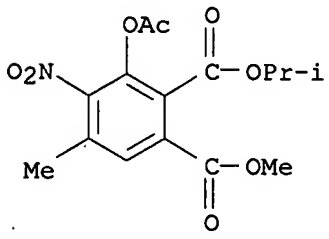
IT 89586-33-4P 89586-34-5P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 89586-33-4 CAPLUS

CN 1,4-Benzenedicarboxylic acid, 3-(acetyloxy)-5-methyl-2-nitro-, 1-methyl 4-(1-methylethyl) ester (9CI) (CA INDEX NAME)

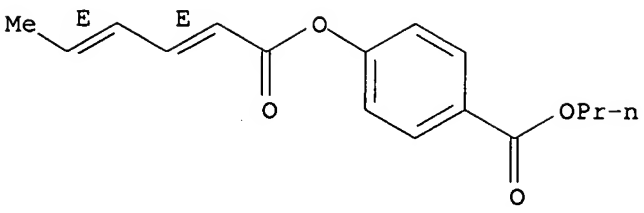


RN 89586-34-5 CAPLUS
CN 1,2-Benzenedicarboxylic acid, 3-(acetyloxy)-5-methyl-4-nitro-, 1-methyl 2-(1-methylethyl) ester (9CI) (CA INDEX NAME)



L4 ANSWER 24 OF 35 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1984:102365 CAPLUS
DOCUMENT NUMBER: 100:102365
TITLE: Polyenic acids. I. Antifungal and bacteriostatic activities of 2,4-hexadienoic acid derivatives
AUTHOR(S): Le Baut, Guillaume; Sparfel, Louis; Clairc, Christian; Floc'h, Robert; Benazet, Francis; Lacroix, Laurent; Leroy, Jean Pierre
CORPORATE SOURCE: Lab. Chim. Ther., UER Sci. Pharm., Nantes, 44035, Fr.
SOURCE: European Journal of Medicinal Chemistry (1983), 18(5), 441-5
CODEN: EJMCA5; ISSN: 0009-4374
DOCUMENT TYPE: Journal
LANGUAGE: French
OTHER SOURCE(S): CASREACT 100:102365
AB Approx. 90 sorbic acid (I) amides and esters were prepared from I or the acid chloride. The compds. contained hydroxy, amino, ether, and thioether functional groups, as well as halo or heterocyclic groups. Compared with I, the cyclopropylmethyl, 2-chloroallyl, and 2-(methylthio)ethyl esters showed higher bacteriostatic activities without a loss of antifungal activity.
IT 88973-91-5P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 88973-91-5 CAPLUS
CN Benzoic acid, 4-[(1-oxo-2,4-hexadienyl)oxy]-, propyl ester, (E,E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



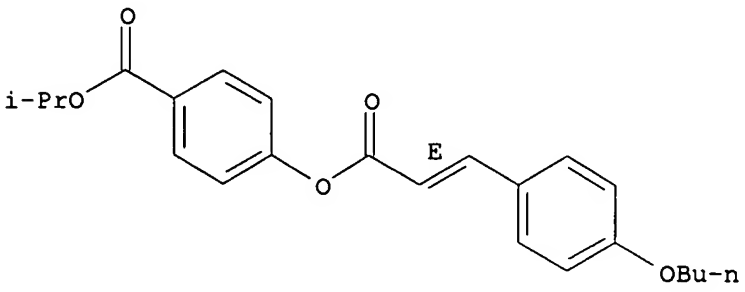
L4 ANSWER 25 OF 35 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1984:94922 CAPLUS
DOCUMENT NUMBER: 100:94922
TITLE: Variation in mesomorphic characteristics with certain alterations in molecular structure: homologous series isopropyl p-(p'-n-alkoxy cinnamoyloxy)benzoates and isopropyl p-(p'-n-alkoxy benzoyloxy)benzoates
AUTHOR(S): Lohar, J. M.; Yadwadkar, Shashikala
CORPORATE SOURCE: Fac. Technol. Eng., M. S. Univ., Baroda, 390001, India
SOURCE: Molecular Crystals and Liquid Crystals (1983), 103(1-4), 225-33
CODEN: MCLCA5; ISSN: 0026-8941
DOCUMENT TYPE: Journal
LANGUAGE: English

AB The homologous series iso-Pr p-(p'-n-alkoxy cinnamoyloxy)benzoates (I) was synthesized and has mesomorphic characteristics changed considerably from the series of the n-Pr salt. The 1st few members become non-mesogenic, nematic orientation is altogether eliminates and the smectic mesophase range is reduced to about 1/3 of that of the n-Pr salts. Another homologous series (II) with all the mol. geometry of the series (I), but with a shorter central bridge -COO- than -CH = CH-COO- receives a further jolt in its exhibition of mesomorphic characteristics. The 1st 7 members and the last member of the series (II) become non-mesomorphic; however, some middle members exhibit monotropic smectic mesophase. The effect of the branching of the terminal substituent and shortening of the central bridge are this quite evident. The smectic texture is of fan-shaped focal conic smectic A variety.

IT 88956-10-9P 88956-11-0P 88956-12-1P
88956-13-2P 88956-14-3P 88956-15-4P
88956-16-5P 88956-17-6P 88956-18-7P
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(liquid crystal, preparation and properties of)

RN 88956-10-9 CAPLUS
CN Benzoic acid, 4-[[3-(4-butoxyphenyl)-1-oxo-2-propenyl]oxy]-, 1-methylethyl ester, (E)- (9CI) (CA INDEX NAME)

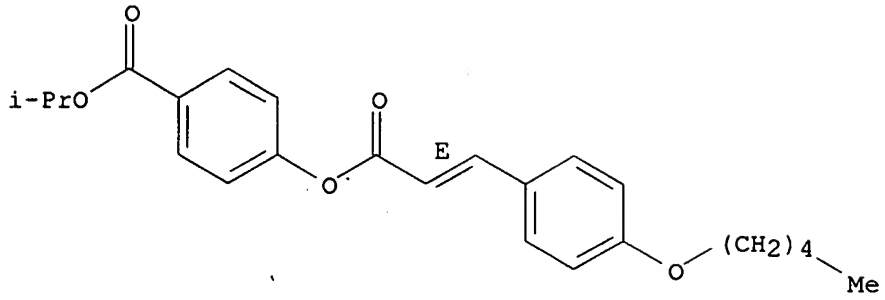
Double bond geometry as shown.



RN 88956-11-0 CAPLUS
CN Benzoic acid, 4-[[1-oxo-3-[4-(pentyloxy)phenyl]-2-propenyl]oxy]-,

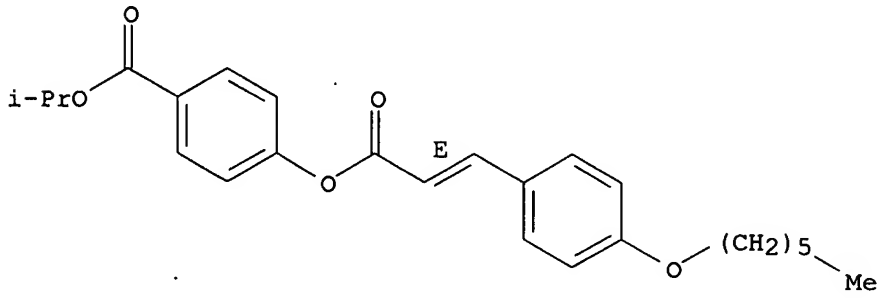
1-methylethyl ester, (E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



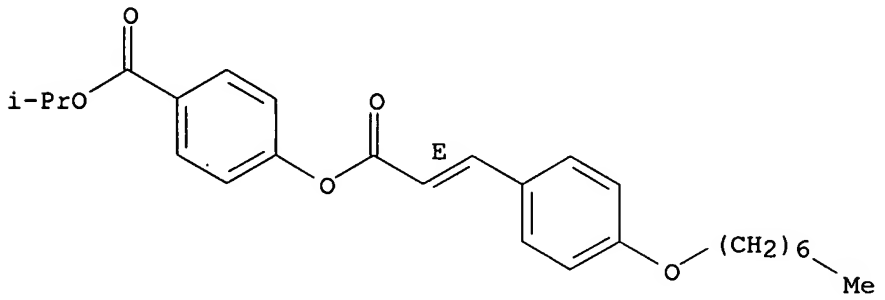
RN 88956-12-1 CAPLUS
CN Benzoic acid, 4-[[3-[4-(hexyloxy)phenyl]-1-oxo-2-propenyl]oxy]-, 1-methylethyl ester, (E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



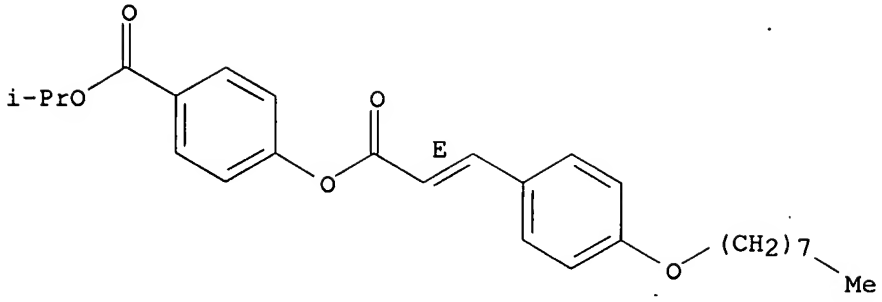
RN 88956-13-2 CAPLUS
CN Benzoic acid, 4-[[3-[4-(heptyloxy)phenyl]-1-oxo-2-propenyl]oxy]-, 1-methylethyl ester, (E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



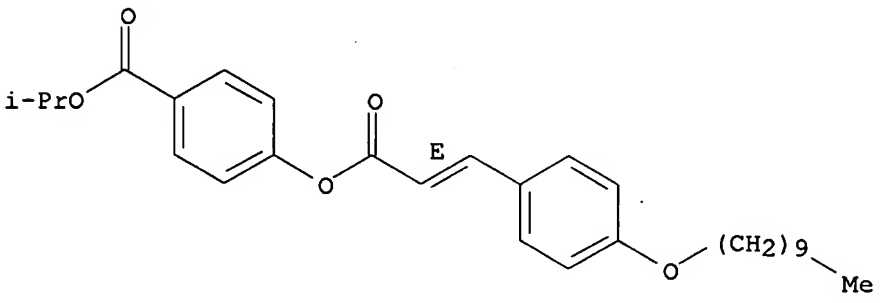
RN 88956-14-3 CAPLUS
CN Benzoic acid, 4-[[3-[4-(octyloxy)phenyl]-1-oxo-2-propenyl]oxy]-, 1-methylethyl ester, (E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



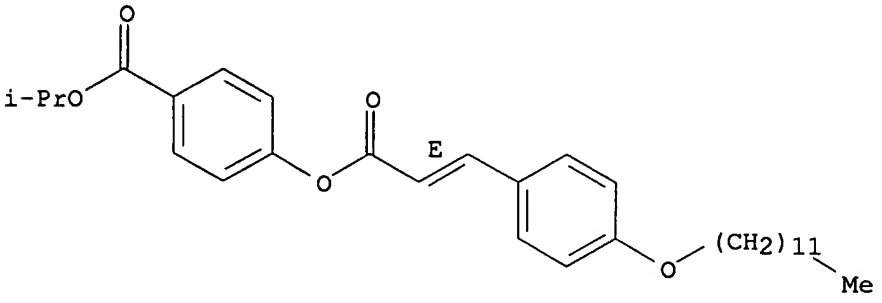
RN 88956-15-4 CAPLUS
CN Benzoic acid, 4-[[3-[4-(decyloxy)phenyl]-1-oxo-2-propenyl]oxy]-, 1-methylethyl ester, (E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



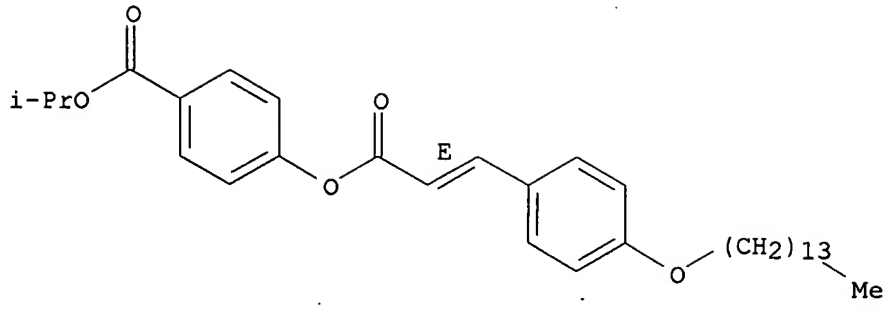
RN 88956-16-5 CAPLUS
CN Benzoic acid, 4-[[3-[4-(dodecyloxy)phenyl]-1-oxo-2-propenyl]oxy]-, 1-methylethyl ester, (E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



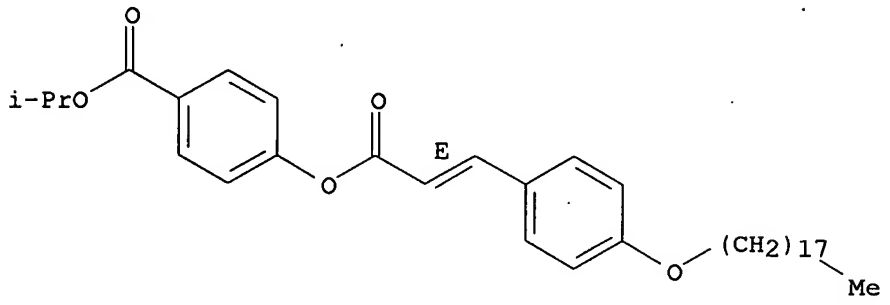
RN 88956-17-6 CAPLUS
CN Benzoic acid, 4-[[1-oxo-3-[4-(tetradecyloxy)phenyl]-2-propenyl]oxy]-, 1-methylethyl ester, (E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



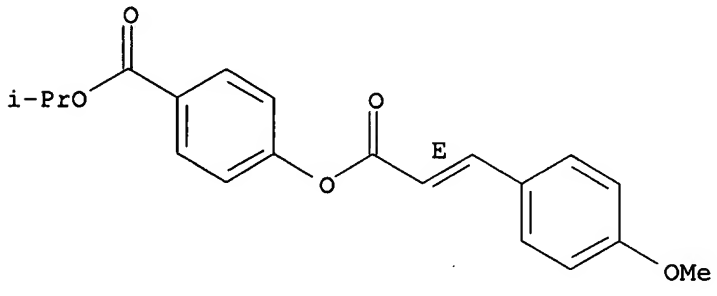
RN 88956-18-7 CAPLUS
CN Benzoic acid, 4-[[3-[4-(octadecyloxy)phenyl]-1-oxo-2-propenyl]oxy]-, 1-methylethyl ester, (E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



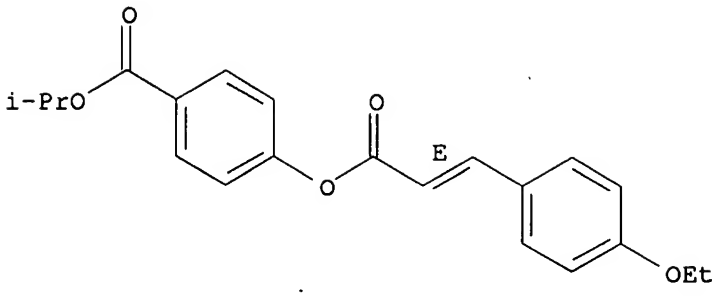
IT 88956-07-4P 88956-08-5P 88956-09-6P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and phase transition of)
RN 88956-07-4 CAPLUS
CN Benzoic acid, 4-[[3-(4-methoxyphenyl)-1-oxo-2-propenyl]oxy]-, 1-methylethyl ester, (E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



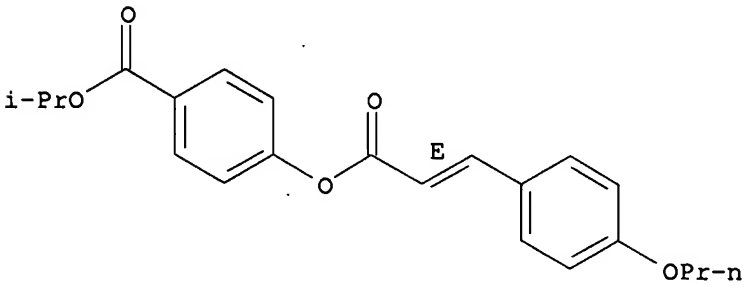
RN 88956-08-5 CAPLUS
CN Benzoic acid, 4-[[3-(4-ethoxyphenyl)-1-oxo-2-propenyl]oxy]-, 1-methylethyl ester, (E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 88956-09-6 CAPLUS
CN Benzoic acid, 4-[[1-oxo-3-(4-propoxyphenyl)-2-propenyl]oxy]-, 1-methylethyl ester, (E)- (9CI) (CA INDEX NAME)

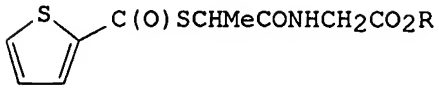
Double bond geometry as shown.



L4 ANSWER 26 OF 35 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1983:107772 CAPLUS
DOCUMENT NUMBER: 98:107772
TITLE: 2-Thenoylmercaptopropionylglycine esters with substituted hydroxybenzene and their use
PATENT ASSIGNEE(S): Sigma-Tau Industrie Farmaceutiche Riunite S.p.A., Italy
SOURCE: Belg., 19 pp.
CODEN: BEXXAL
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
BE 893712	A1	19821018	BE 1982-208501	19820630	<--
US 4472424	A	19840918	US 1982-391741	19820624	<--
CA 1198735	A1	19851231	CA 1982-405966	19820625	<--
GB 2102797	A	19830209	GB 1982-18672	19820628	<--
GB 2102797	B	19850130			
CH 651035	A5	19850830	CH 1982-3964	19820628	<--
DK 8202949	A	19830103	DK 1982-2949	19820630	<--
DK 153760	B	19880829			
DK 153760	C	19890109			
JP 58010577	A	19830121	JP 1982-114775	19820630	<--
NL 8202658	A	19830201	NL 1982-2658	19820701	<--
ES 514456	A1	19830601	ES 1982-514456	19820701	<--
AT 8202556	A	19900515	AT 1982-2556	19820701	<--
SE 8204116	A	19830103	SE 1982-4116	19820702	<--
FR 2508907	A1	19830107	FR 1982-11684	19820702	<--

FR 2508907 B1 19841228
DE 3224824 A1 19830127 DE 1982-3224824 19820702 <--
PRIORITY APPLN. INFO.: IT 1981-48807 A 19810702
OTHER SOURCE(S): CASREACT 98:107772; MARPAT 98:107772
GI



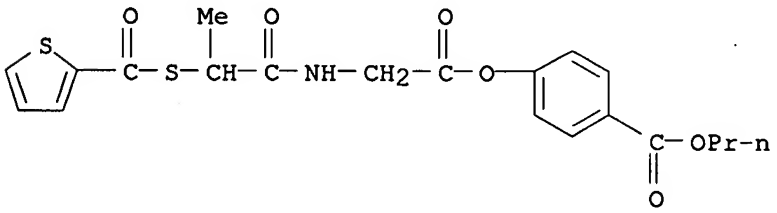
I

AB Title esters I [R = p-AcNHC6H4, p-PrO2CC6H4 (II), o-RO2CC6H4 (R = C1-C4 alkyl)] were prepared from 2-thenoylmercaptopropionylglycine (III) by the mixed anhydride method. I are useful as mucolytics and inflammation inhibitors (data tabulated). Thus, III in THF-Et3N was treated first with ClCO2Et and then with p-HOC6H4CO2Pr to give II.

IT 84856-26-8P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation and biol. activity of)

RN 84856-26-8 CAPLUS

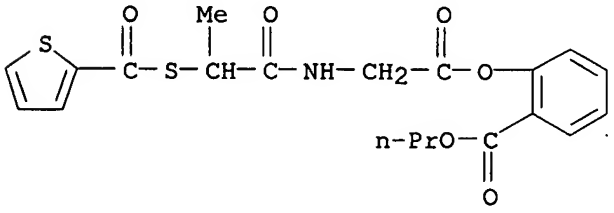
CN Glycine, N-[1-oxo-2-[(2-thienylcarbonyl)thio]propyl]-, 4-(propoxycarbonyl)phenyl ester (9CI) (CA INDEX NAME)



IT 84856-29-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 84856-29-1 CAPLUS

CN Glycine, N-[1-oxo-2-[(2-thienylcarbonyl)thio]propyl]-, 2-(propoxycarbonyl)phenyl ester (9CI) (CA INDEX NAME)



L4 ANSWER 27 OF 35 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1981:568810 CAPLUS
DOCUMENT NUMBER: 95:168810
TITLE: Analgesic and antiinflammatory gentisate esters
INVENTOR(S): Reller, Herbert H.; Kretschmar, Herbert C.
PATENT ASSIGNEE(S): Procter and Gamble Co., USA
SOURCE: U.S., 14 pp. Cont.-in-part of U.S. Ser. No. 855,042,

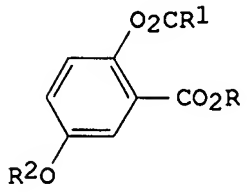
abandoned.
CODEN: USXXAM

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4276430	A	19810630	US 1979-61107	19790726 <--
JP 53116342	A	19781011	JP 1977-151154	19771215 <--

PRIORITY APPLN. INFO.: US 1976-750981 A2 19761215
US 1977-855042 A2 19771125

OTHER SOURCE(S): CASREACT 95:168810; MARPAT 95:168810
GI

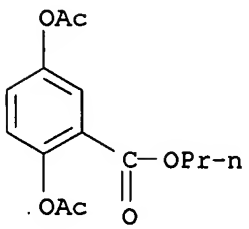


I

AB Esters I (R = alkyl or PhCH2, R1 = alkyl, R2 = alkanoyl) were prepared and they exhibited antiinflammatory activity. Gentisic acid was O-acylated by Ac2O, the product was converted to the acid chloride, and the latter was esterified by PhCH2OH and pyridine to give 2,5-(AcO)2C6H3CO2CH2Ph, which also showed analgesic activity. I are also useful as antipyretics (no data).

IT 67578-11-4
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(antiinflammatory activity of)

RN 67578-11-4 CAPLUS
CN Benzoic acid, 2,5-bis(acetyloxy)-, propyl ester (9CI) (CA INDEX NAME)

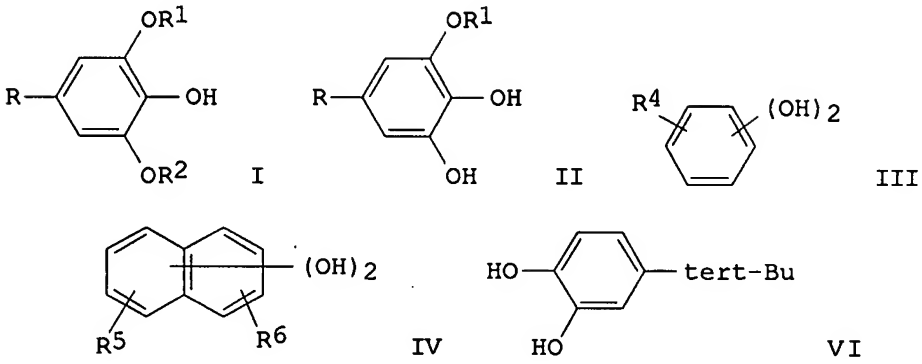


L4 ANSWER 28 OF 35 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1981:165630 CAPLUS
DOCUMENT NUMBER: 94:165630
TITLE: Photographic antifoggant
INVENTOR(S): Iwamuro, Masao; Okaniwa, Kenichiro; Sasaki, Takashi; Saito, Shizuo; Sakamoto, Eiichi
PATENT ASSIGNEE(S): Konishiroku Photo Industry Co., Ltd., Japan
SOURCE: U.S., 15 pp.
CODEN: USXXAM

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4252893	A	19810224	US 1979-29028	19790411 <--
JP 54134621	A	19791019	JP 1978-42380	19780411 <--
JP 61003416	B	19860201		
GB 2022274	A	19791212	GB 1979-11877	19790404 <--
GB 2022274	B	19820908		

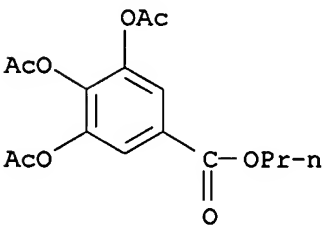
PRIORITY APPLN. INFO.: JP 1978-42380 A 19780411
GI



AB Photog. emulsions having prolonged storage stability against fog formation and latent image deterioration contain as an antifoggant I or II (R = halogen, alkyl, alkenyl, cycloalkyl, CN, or SO2R3 or COR3, where R3 = H, OH, alkyl, alkoxy, cycloalkoxy, aryloxy, or amino; R1, R2 = alkyl, alkenyl, or acyl) and as latent image stabilizer III or IV (R4 = alkyl; R5, R6 = H or alkyl, but both are not H). Thus, a prepared photog. emulsion containing I (R = CO2H; R1 = Me; R2 = Me) (V) 2 g/Ag mole and VI 1 g/Ag mole showed a speed of 100 and fog 0.21 upon exposure after storage for 3 days at 50° and 80% relative humidity and a speed of 100 when stored for 3 days at 50° and 10% relative humidity after exposure vs. 65, 0.61, and 40, resp., for a V- and VI-free control.

IT 72685-09-7
RL: TEM (Technical or engineered material use); USES (Uses)
(photog. fog inhibitor)

RN 72685-09-7 CAPLUS
CN Benzoic acid, 3,4,5-tris(acetyloxy)-, propyl ester (9CI) (CA INDEX NAME)

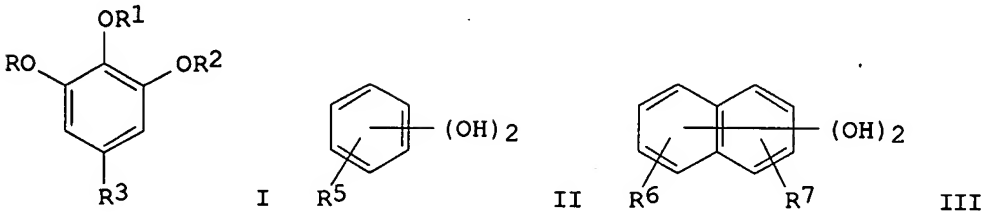


L4 ANSWER 29 OF 35 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1980:189213 CAPLUS
Correction of: 1980:67706
DOCUMENT NUMBER: 92:189213
Correction of: 92:67706
TITLE: Photosensitive photographic silver halide recording material
INVENTOR(S): Iwamuro, Masao; Okaniwa, Kenichiro; Sasaki, Takashi; Saito, Shizuo; Sakamoto, Eiichi
PATENT ASSIGNEE(S): Konishiroku Photo Industry Co., Ltd., Japan
SOURCE: Ger. Offen., 65 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2914510	A1	19791018	DE 1979-2914510	19790410 <--
DE 2914510	C2	19870212		
JP 54134621	A	19791019	JP 1978-42380	19780411 <--
JP 61003416	B	19860201		
GB 2022274	A	19791212	GB 1979-11877	19790404 <--
GB 2022274	B	19820908		

PRIORITY APPLN. INFO.: JP 1978-42380 A 19780411
GI

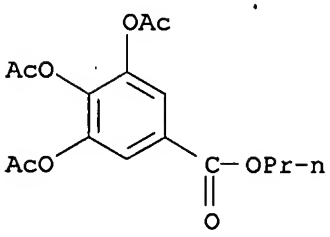


AB A photosensitive photog. Ag halide recording material consists of a support layer with ≥1 photosensitive Ag halide emulsion layer containing ≥1 compound of type I [R, R1, R2 = H, alkyl, alkenyl, acyl (R, R1, and R2 can not all be H); R3 = halo, alkyl, alkenyl, cycloalkyl, CN, SO2R4, COR4; R4 = H, OH, alkyl, alkoxy, cycloalkoxy, aryloxy, NH2] and optionally a compound of type II (R5 = alkyl) or III (R6, R7 = H or alkyl but both can not be H). Thus, after chemical sensitization with Au or S sensitizers, 4-hydroxy-6-methyl-1,3,3a,7-tetraazaindene stabilizer 4 g/mol Ag halide was added to the high-sensitivity Ag(Br,I) emulsion (1.5 mol% AgI). To 1 part of this emulsion was added 4-hydroxy-3,5-dimethoxybenzonitrile (IV) 3 g/mol Ag and the emulsion was coated on a poly(ethylene terephthalate) support. The sample was then divided into 2 parts; 1 was stored 3 days at 20° and relative humidity 60% and the other was stored 3 days at 50° and relative humidity 80%. The samples were then sensitometrically exposed and subjected to rapid processing for 30 s at 40° in a continuous roller-conveyer apparatus in which the film was developed, fixed, washed, and dried. The sensitivity and fog values for the film stored at 20° and 60% humidity and at 50° and 80% humidity were 105 and 0.15 and 105 and 0.15, resp., compared with 100 and 0.33 and 70 and 0.49, resp. for a IV-free control.

IT 72685-09-7
RL: USES (Uses)
(photog. antifoggant)

RN 72685-09-7 CAPLUS

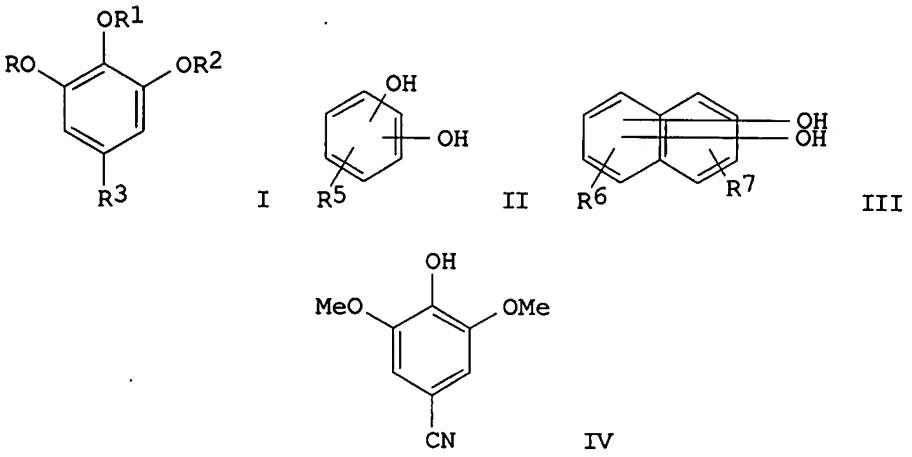
CN Benzoic acid, 3,4,5-tris(acetyloxy)-, propyl ester (9CI) (CA INDEX NAME)



L4 ANSWER 30 OF 35 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1980:67706 CAPLUS
DOCUMENT NUMBER: 92:67706
TITLE: Photosensitive photographic silver halide recording material
INVENTOR(S): Iwamuro, Masao; Okaniwa, Kenichiro; Sasaki, Takashi; Saito, Shizuo; Sakamoto, Eiichi
PATENT ASSIGNEE(S): Konishiroku Photo Industry Co., Ltd., Japan
SOURCE: Ger. Offen., 65 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2914510		19791018	DE 1979-2914510	19790410 <--
PRIORITY APPLN. INFO.:			JP 1978-42380	19780411

GI



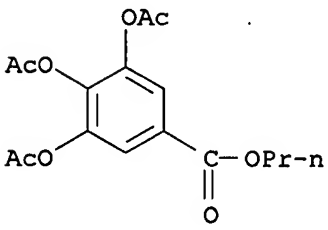
AB Photosensitive Ag halide recording materials are composed of a support layer on which is coated ≥1 photosensitive Ag halide layer which contains ≥1 fog inhibitor of formula I [R, R1, R2 = H, alkyl, alkenyl, aryl (the 3 groups may be the same or different but not all 3 can be H); R3 = halo, alkyl, alkenyl, cycloalkyl, cyano, SO2R4, COR4 (R4 = H, OH, alkyl, alkoxy, cycloalkoxy, aryloxy, amino)] or a combination of a compound of type I with a compound of type II (R5 = alkyl) or III (R6, R7 = H,

alkyl, but both cannot be H). Thus, after chemical sensitization with Au and S compds., the Ag(Br,I) emulsion was mixed with 4-hydroxy-6-methyl-1,3,3a,7-tetraazaindene as stabilizer. To a portion of the emulsion was added a suitable amount of coating agent and of hardening agent and this emulsion was then applied to a poly(ethylene terephthalate) support to give a comparison film. To another portion was added the fog inhibitor IV and then each emulsion was applied to a support. Both specimens were divided into 2 parts, 1 of which was stored 3 days at 20° and 60% relative humidity and the other 3 days at 50° and 80% relative humidity. The specimens were exposed to white light, kept 30 s at 40°, and then rapidly developed at a higher temperature, fixed, washed, and dried. The sensitivity and fog were measured; the relative sensitivity is based on 100 for the comparison film stored at 20° and 60% humidity. IV gave good photog. properties without loss of sensitivity and a fog value of 0.15 vs. 0.33 for the control with storage at 20° and a fog value of 0.15 vs. 0.49 for the control with storage at 50°.

IT 72685-09-7
RL: TEM (Technical or engineered material use); USES (Uses)
(photog. fog inhibitor)

RN 72685-09-7 CAPLUS

CN Benzoic acid, 3,4,5-tris(acetyloxy)-, propyl ester (9CI) (CA INDEX NAME)



L4 ANSWER 31 OF 35 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1980:6272 CAPLUS
DOCUMENT NUMBER: 92:6272
TITLE: Acylated esters of hydroxy carboxylates
INVENTOR(S): Buckwalter, Brian Lee; Kretschmar, Herbert Charles
PATENT ASSIGNEE(S): Procter and Gamble Co., USA
SOURCE: Eur. Pat. Appl., 29 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

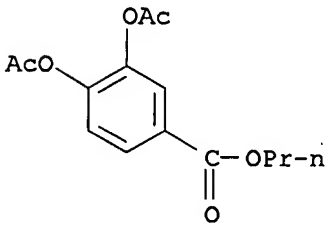
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 2872	A1	19790711	EP 1978-200388	19781221 <--
R: BE, CH, DE, FR, GB, IT, LU, NL, SE				
JP 54130518	A	19791009	JP 1978-160969	19781223 <--
PRIORITY APPLN. INFO.:			US 1977-864033	19771223

OTHER SOURCE(S): MARPAT 92:6272

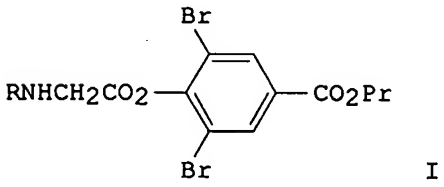
AB Esters of (acyloxy)carboxylic acids were prepared by esterifying the carboxy group of a hydroxy carboxylic acid with an esterifying agent, e.g., an aralkyl halide, in a substantially anhydr. nitrile solvent, followed by acylating the hydroxy group with an acylating agent. Thus, 2,5-(HO)2C6H3CO2H in MeCN was treated with Et3N, then PhCH2Br and, finally Ac2O to give .apprx.80% 2,5-(AcO)2C6H3CO2CH2Ph.

IT 72179-00-1P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 72179-00-1 CAPLUS
CN Benzoic acid, 3,4-bis(acetyloxy)-, propyl ester (9CI) (CA INDEX NAME)

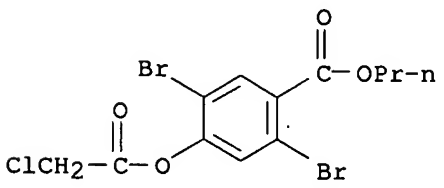


L4 ANSWER 32 OF 35 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1979:456568 CAPLUS
DOCUMENT NUMBER: 91:56568
TITLE: Preparation of substituted propyl p-hydroxybenzoates as drug potentials
AUTHOR(S): Mehta, A. L.; Astik, R. R.; Thaker, K. A.
CORPORATE SOURCE: Dep. Chem., Saurashtra Univ., Bhavnagar, India
SOURCE: Journal of the Institution of Chemists (India) (1978), 50(5), 202-4
CODEN: JOICA7; ISSN: 0020-3254
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 91:56568
GI



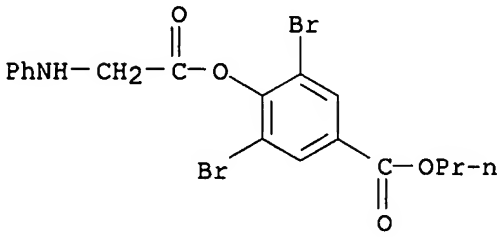
I

AB Fifteen Pr 3,5-dibromo-4-hydroxybenzoate aminoacetates I (R = Bu, PhCH2, Ph or substituted Ph), potential local anesthetics, were prepared by the condensation of RNH2 with Pr 3,5-dibromo-4-hydroxybenzoate chloroacetate.
IT 70902-92-0P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and condensation with amines)
RN 70902-92-0 CAPLUS
CN Benzoic acid, 2,5-dibromo-4-[(chloroacetyl)oxy]-, propyl ester (9CI) (CA INDEX NAME)

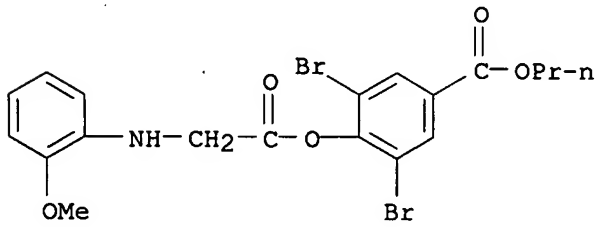


IT 70902-93-1P 70902-94-2P 70902-95-3P
70902-96-4P 70902-97-5P 70902-98-6P
70902-99-7P 70903-00-3P 70903-01-4P
70903-02-5P 70903-03-6P 70903-04-7P
70903-05-8P 70903-06-9P 70903-07-0P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

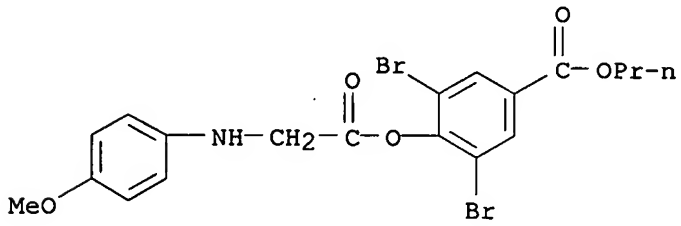
RN 70902-93-1 CAPLUS
CN Glycine, N-phenyl-, 2,6-dibromo-4-(propoxycarbonyl)phenyl ester (9CI) (CA INDEX NAME)



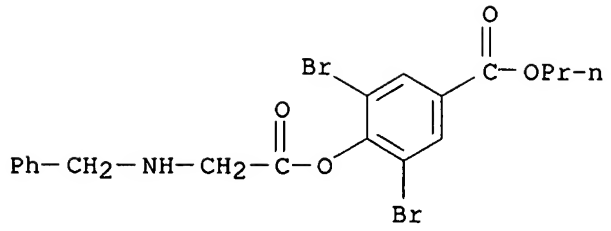
RN 70902-94-2 CAPLUS
CN Glycine, N-(2-methoxyphenyl)-, 2,6-dibromo-4-(propoxycarbonyl)phenyl ester (9CI) (CA INDEX NAME)



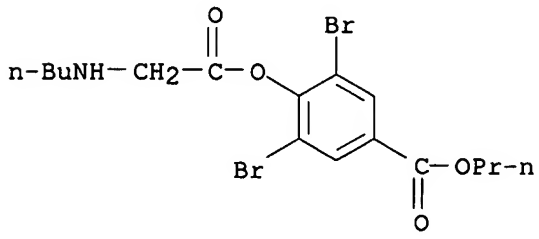
RN 70902-95-3 CAPLUS
CN Glycine, N-(4-methoxyphenyl)-, 2,6-dibromo-4-(propoxycarbonyl)phenyl ester (9CI) (CA INDEX NAME)



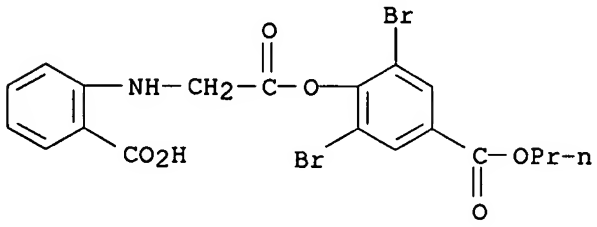
RN 70902-96-4 CAPLUS
CN Glycine, N-(phenylmethyl)-, 2,6-dibromo-4-(propoxycarbonyl)phenyl ester (9CI) (CA INDEX NAME)



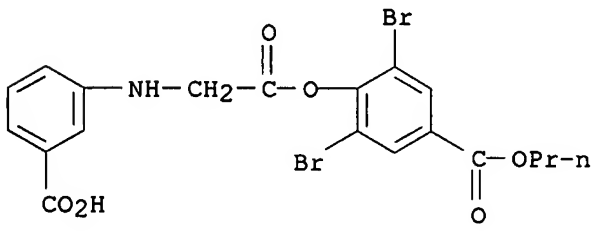
RN 70902-97-5 CAPLUS
CN Glycine, N-butyl-, 2,6-dibromo-4-(propoxycarbonyl)phenyl ester (9CI) (CA INDEX NAME)



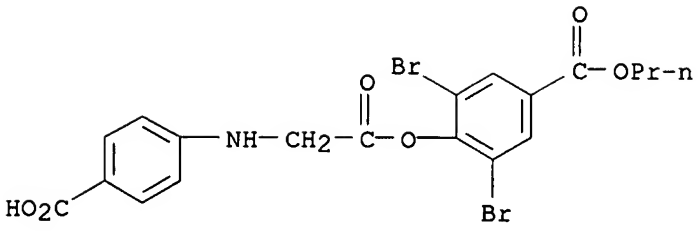
RN 70902-98-6 CAPLUS
CN Benzoic acid, 3,5-dibromo-4-[[[(2-carboxyphenyl)amino]acetyl]oxy]-, 1-propyl ester (9CI) (CA INDEX NAME)



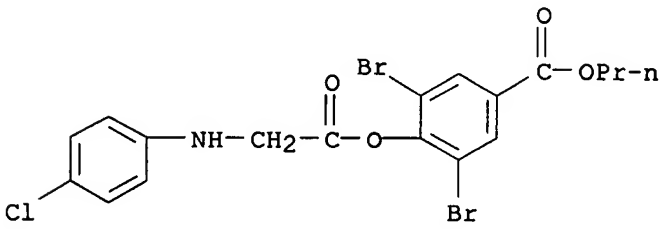
RN 70902-99-7 CAPLUS
CN Benzoic acid, 3,5-dibromo-4-[[[(3-carboxyphenyl)amino]acetyl]oxy]-, 1-propyl ester (9CI) (CA INDEX NAME)



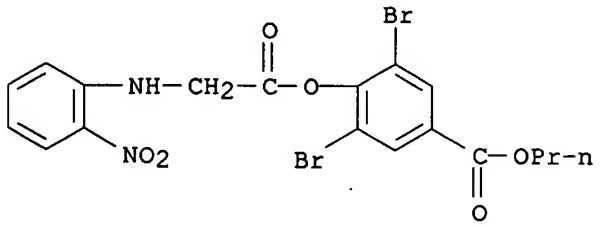
RN 70903-00-3 CAPLUS
CN Benzoic acid, 3,5-dibromo-4-[[[(4-carboxyphenyl)amino]acetyl]oxy]-, 1-propyl ester (9CI) (CA INDEX NAME)



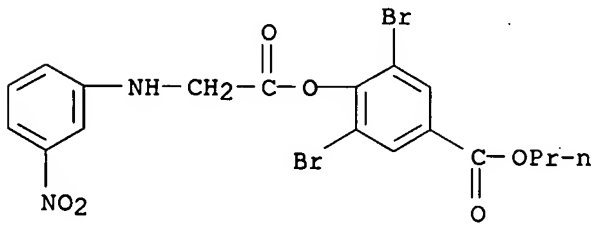
RN 70903-01-4 CAPLUS
CN Glycine, N-(4-chlorophenyl)-, 2,6-dibromo-4-(propoxycarbonyl)phenyl ester (9CI) (CA INDEX NAME)



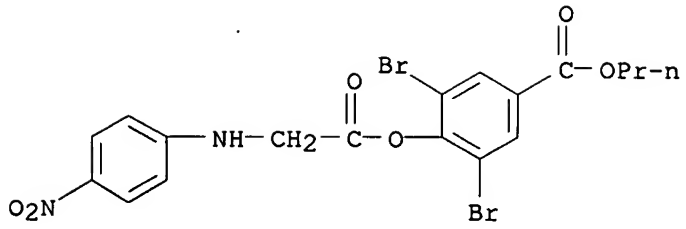
RN 70903-02-5 CAPLUS
CN Glycine, N-(2-nitrophenyl)-, 2,6-dibromo-4-(propoxycarbonyl)phenyl ester (9CI) (CA INDEX NAME)



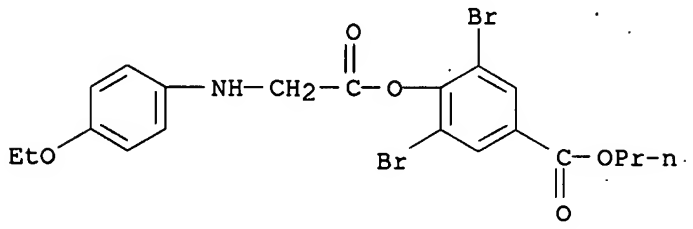
RN 70903-03-6 CAPLUS
CN Glycine, N-(3-nitrophenyl)-, 2,6-dibromo-4-(propoxycarbonyl)phenyl ester (9CI) (CA INDEX NAME)



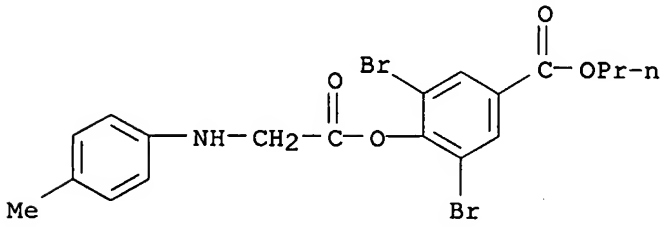
RN 70903-04-7 CAPLUS
CN Glycine, N-(4-nitrophenyl)-, 2,6-dibromo-4-(propoxycarbonyl)phenyl ester (9CI) (CA INDEX NAME)



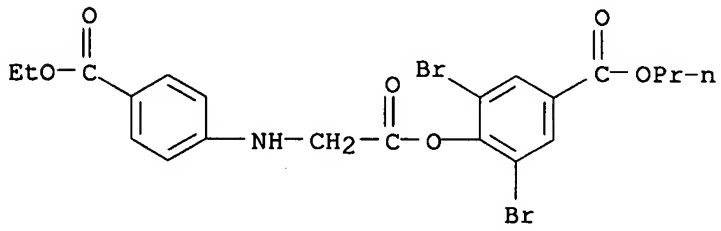
RN 70903-05-8 CAPLUS
CN Glycine, N-(4-ethoxyphenyl)-, 2,6-dibromo-4-(propoxycarbonyl)phenyl ester (9CI) (CA INDEX NAME)



RN 70903-06-9 CAPLUS
CN Glycine, N-(4-methylphenyl)-, 2,6-dibromo-4-(propoxycarbonyl)phenyl ester (9CI) (CA INDEX NAME)



RN 70903-07-0 CAPLUS
CN Benzoic acid, 3,5-dibromo-4-[[[[4-(ethoxycarbonyl)phenyl]amino]acetyl]oxy]-, propyl ester (9CI) (CA INDEX NAME)

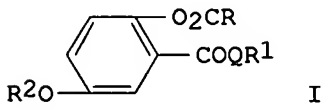


L4 ANSWER 33 OF 35 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1978:508720 CAPLUS
DOCUMENT NUMBER: 89:108720
TITLE: Dihydroxybenzoic acid derivatives for use in pain- and inflammation-relieving compositions
INVENTOR(S): Reller, Herbert Henry; Kretschmar, Herbert Charles

PATENT ASSIGNEE(S): Procter and Gamble Co., USA
SOURCE: Ger. Offen., 52 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

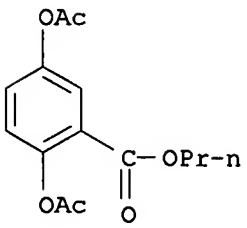
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2755198	A1	19780622	DE 1977-2755198	19771210 <--
ZA 7707421	A	19781025	ZA 1977-7421	19771213 <--
FR 2374292	A1	19780713	FR 1977-37683	19771214 <--
GB 1583219	A	19810121	GB 1977-51986	19771214 <--
BE 861889	A1	19780615	BE 1977-183488	19771215 <--
NL 7713896	A	19780619	NL 1977-13896	19771215 <--

PRIORITY APPLN. INFO.: US 1976-750981 A 19761215
GI



I

AB 2,5-Dihydroxybenzoic acid derivs. I (R = C1-4 alkyl; R1 = C1-4 hydrocarbyl, Ph, PhCH2; R2 = H or R3CO, where R3 = C1-4 alkyl; Q = O, NH, NR1), which showed analgesic and inflammation-inhibiting activity, were prepared Thus, 2,5-(HO)2C6H3CO2H was esterified with Ac2O, converted to the acid chloride, and esterified with PhCH2OH to give 2,5-(AcO)2C6H3CO2CH2Ph, which had ED50 9 ppm in a lotion applied to relieve skin burns from UV-irradiation in rats compared to ED50 750 ppm for 4-H2NC6H4CO2Et.
IT 67578-11-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(inflammation-inhibiting activity of)
RN 67578-11-4 CAPLUS
CN Benzoic acid, 2,5-bis(acetyloxy)-, propyl ester (9CI) (CA INDEX NAME)



L4 ANSWER 34 OF 35 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1976:508384 CAPLUS
DOCUMENT NUMBER: 85:108384
TITLE: Esterification of salicylic acid and acetylsalicylic acid with alkyl iodides and the use of these esters in analytical procedures
AUTHOR(S): Ali, Syed L.
CORPORATE SOURCE: Zentrallab., Dtsch. Apotheker, Eschborn, Fed. Rep. Ger.
SOURCE: Pharmazeutische Zeitung (1976), 121(17),

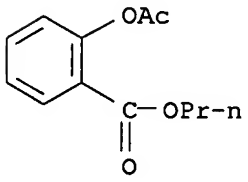
621-3
CODEN: PHZIAP; ISSN: 0031-7136
DOCUMENT TYPE: Journal
LANGUAGE: German

AB 2-ROC6H4CO2H (R = H, Ac) reacted with R1I (R1 = Me, Et, Pr), in Me2CO in the presence of K2CO3 to give 2-ROC6H4CO2R1 in .apprx.95% yield. These esters have varying gas chromatog. retention times and are useful in pharmaceutical anal.

IT 60310-03-4P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 60310-03-4 CAPLUS

CN Benzoic acid, 2-(acetyloxy)-, propyl ester (9CI) (CA INDEX NAME)



L4 ANSWER 35 OF 35 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1974:551811 CAPLUS

DOCUMENT NUMBER: 81:151811

TITLE: α-(p-Chlorophenoxy)-α-methylpropionic acid ester derivatives

INVENTOR(S): Fukami, Hideo; Miyoshi, Fumihiko

PATENT ASSIGNEE(S): Funai Pharmaceutical Industries, Ltd.

SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 49070942	A	19740709	JP 1972-112390	19721109 <--
JP 55016410	B	19800501		

PRIORITY APPLN. INFO.: JP 1972-112390 A 19721109

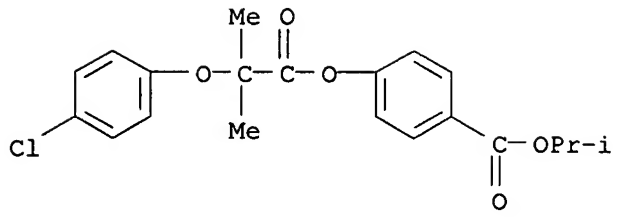
GI For diagram(s), see printed CA Issue.

AB Cholesterol-lowering propionates (I; x = 3,4; R = H, lower alkyl, Ph) were prepared by treating α-(p-chlorophenoxy)-α-methylpropionic acid (II) reactive derivs. with m- or p-HOC6H4-CO2R. E.g., a mixture of 10% aqueous NaOH and 4.7 g II chloride was added to a mixture of 2.8 g p-HOC6H4CO2H in 10% aqueous NaOH with ice cooling in 10 min and the whole stirred 4 hr below 10° to give I (R = H, x = 4). Similarly prepared were the following I (R and x given): Et, 4; Me2CH, 4; Ph, 4; Me, 3; H, 3.

IT 54095-40-8P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)

RN 54095-40-8 CAPLUS

CN Benzoic acid, 4-[2-(4-chlorophenoxy)-2-methyl-1-oxopropoxy]-, 1-methylethyl ester (9CI) (CA INDEX NAME)


Me
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Refine Search

Search Results -

Terms	Documents
L6 and (525/$ or 528/$)	15

Database: US Pre-Grant Publication Full-Text Database; US Patents Full-Text Database; US OCR Full-Text Database; EPO Abstracts Database; JPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Search: L7

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Search History

DATE: Thursday, May 10, 2007 Purge Queries | Printable Copy | Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ			
L7	L6 and (525/$ or 528/$)	15	L7
L6	L4 and terminal$7 and endcap$9	16	L6
L5	L4 and terminal47 and endcap$9	0	L5
L4	L3 and melt$8	472	L4
L3	L2 and oligomer$7	492	L3
L2	L1 and cap$8 and block$9	937	L2
L1	aromatic polycarbonate and hydroxy$7	5005	L1

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 10 of 15 returned.

☐ 1. Document ID: US 20040220352 A1

L7: Entry 1 of 15 File: PGPB Nov 4, 2004

PGPUB-DOCUMENT-NUMBER: 20040220352
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040220352 A1

TITLE: Process for the production of polycarbonate

PUBLICATION-DATE: November 4, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Brack, Hans Peter	Bergen op Zoom	NY	NL
Cella, James Anthony	Clifton Park		US
Karlik, Dennis	Bergen op Zoom		NL
Prada, Lina	Murcia		ES

US-CL-CURRENT: 525/397

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 2. Document ID: US 20030236384 A1

L7: Entry 2 of 15 File: PGPB Dec 25, 2003

PGPUB-DOCUMENT-NUMBER: 20030236384
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030236384 A1

TITLE: METHOD FOR MAKING AN AROMATIC POLYCARBONATE

PUBLICATION-DATE: December 25, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Silvi, Norberto	Clifton Park	NY	US
Giammattei, Mark Howard	Selkirk	NY	US
McCloskey, Patrick Joseph	Watervliet	NY	US
Nisoli, Alberto	Niskayuna	NY	US
Day, James	Scotia	NY	US

Ramesh, Narayan	Niskayuna	NY	US
Smigelski, Paul Michael JR.	Schenectady	NY	US
Wilson, Paul Russell	Latham	NY	US

US-CL-CURRENT: 528/86; 528/196

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw. D

☐ 3. Document ID: US 20030232957 A1

L7: Entry 3 of 15 File: PGPB Dec 18, 2003

PGPUB-DOCUMENT-NUMBER: 20030232957
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030232957 A1

TITLE: Method for making an aromatic polycarbonate

PUBLICATION-DATE: December 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Silvi, Norberto	Clifton Park	NY	US
McCloskey, Patrick Joseph	Watervliet	NY	US
Day, James	Scotia	NY	US
Giammattei, Mark Howard	Selkirk	NY	US

US-CL-CURRENT: 528/86

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw. D

☐ 4. Document ID: US 20030208027 A1

L7: Entry 4 of 15 File: PGPB Nov 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030208027
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030208027 A1

TITLE: METHOD AND SYSTEM FOR PREPARING A POLYCARBONATE, COPOLYMERIZATION REAGENT AND POLYCARBONATE

PUBLICATION-DATE: November 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Brack, Hans-Peter	Herrliberg	NY	CH
Karlik, Dennis	Bergen op Zoom		NL
Lambertus Hoeks, Theodorus	Bergen op Zoom		NL
Whitney, John Morgan	Niskayuna		US

US-CL-CURRENT: 528/196

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 5. Document ID: US 20030120025 A1

L7: Entry 5 of 15 File: PGPB Jun 26, 2003

PGPUB-DOCUMENT-NUMBER: 20030120025
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030120025 A1

TITLE: Process for the production of polycarbonate

PUBLICATION-DATE: June 26, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Brack, Hans Peter	Herrliberg	NY	CH
Karlik, Dennis	Bergen op Zoom	NY	NL
Hoeks, Theodorus Lambertus	Bergen op Zoom		NL
Brunelle, Daniel	Burnt Hills		US
Cella, James A.	Clifton Park		US
Shimoda, Tomoaki	Ichihara-city		JP
Ikeda, Akio	Ichihara-city		JP
Kimura, Takato	Ichihara-city		JP
Prada, Lina	Murcia		ES

US-CL-CURRENT: 528/196; 558/268

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 6. Document ID: US 20020132957 A1

L7: Entry 6 of 15 File: PGPB Sep 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020132957
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020132957 A1

TITLE: Process for the production of polycarbonate

PUBLICATION-DATE: September 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Brack, Hans Peter	Bergen op Zoom	NY	NL
Cella, James Anthony	Clifton Park		US
Karlik, Dennis	Bergen op Zoom		NL

Prada, Lina Murcia ES

US-CL-CURRENT: 528/196

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 7. Document ID: US 20020128425 A1

L7: Entry 7 of 15 File: PGPB Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020128425
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020128425 A1

TITLE: Process for the production of polycarbonate

PUBLICATION-DATE: September 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Brack, Hans Peter	Bergen op Zoom	NY	NL
Cella, James Anthony	Clifton Park		US
Karlik, Dennis	Bergen op Zoom		NL
Prada, Lina	Murcia		ES
Hoeks, Theodorus Lambertus	Bergen op Zoom		NL

US-CL-CURRENT: 528/198

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 8. Document ID: US 20020123603 A1

L7: Entry 8 of 15 File: PGPB Sep 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020123603
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020123603 A1

TITLE: Process for the production of polycarbonate

PUBLICATION-DATE: September 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Brack, Hans-Peter	Bergen op Zoom	NY	NL
Brunelle, Daniel Joseph	Burnt Hills	NY	US
Cella, James Anthony	Clifton Park		US
Karlik, Dennis	Bergen op Zoom		NL

US-CL-CURRENT: 528/196

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D

☐ 9. Document ID: US 6790929 B2

L7: Entry 9 of 15 File: USPT Sep 14, 2004

US-PAT-NO: 6790929
DOCUMENT-IDENTIFIER: US 6790929 B2

TITLE: Method for making an aromatic polycarbonate

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D

☐ 10. Document ID: US 6747119 B2

L7: Entry 10 of 15 File: USPT Jun 8, 2004

US-PAT-NO: 6747119
DOCUMENT-IDENTIFIER: US 6747119 B2

TITLE: Method and system for preparing a polycarbonate, copolymerization reagent and polycarbonate

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D

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Terms	Documents
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☐ 11. Document ID: US 6653434 B2

L7: Entry 11 of 15 File: USPT Nov 25, 2003

US-PAT-NO: 6653434
DOCUMENT-IDENTIFIER: US 6653434 B2

TITLE: Process for the production of polycarbonate

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 12. Document ID: US 6525163 B1

L7: Entry 12 of 15 File: USPT Feb 25, 2003

US-PAT-NO: 6525163
DOCUMENT-IDENTIFIER: US 6525163 B1

TITLE: Process for the production of polycarbonate

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 13. Document ID: US 5470945 A

L7: Entry 13 of 15 File: USPT Nov 28, 1995

US-PAT-NO: 5470945
DOCUMENT-IDENTIFIER: US 5470945 A
** See image for Certificate of Correction **

TITLE: Thermally reversible isocyanate-based polymers

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 14. Document ID: US 5097010 A

L7: Entry 14 of 15 File: USPT Mar 17, 1992

US-PAT-NO: 5097010
DOCUMENT-IDENTIFIER: US 5097010 A
** See image for Certificate of Correction **

TITLE: Thermally-reversible isocyanate polymers

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 15. Document ID: US 4804711 A

L7: Entry 15 of 15 File: USPT Feb 14, 1989

US-PAT-NO: 4804711
DOCUMENT-IDENTIFIER: US 4804711 A

TITLE: Melt blending of a carboxy terminated polystyrene oligomer with an aromatic polyester

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Terms	Documents
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